

KENDRIYA VIDYALA CRPF MOKAMAGHAT

HOLIDAYS HOMEWORK (WINTER BREAK)

CLASS - 1

ENGLISH:-

1. Look at this picture and list the things that you can buy in the fair. (For this see page no --- 54)
2. Write the name of ten birds. And draw pictures in your notebook.
3. Learn the poem--" If I were an Apple."
4. Which is your favourite fruit? Say why you like it.
5. Write the name of things (living and non - living both) you can find on a tree.

MATHEMATICS:-

1. Learn and write number names from 21 to 50
2. Practice the chapters Addition, subtraction, Time, Numbers from 21 to 50, and Data handling for CYCLE TEST.
3. Learn Names of days of the week, Names of the months of year.

E.V.S.:-

1. Paste pictures of "OUR HELPERS" In evs notebook.(any 10 pictures)
2. Learn lesson no.7,8 and9.
3. Make any five toys with mud clay. (मिट्टी के खिलौने)
4. Paste pictures of wild and domestic animals. (5 each)

HINDI:-

1. यातायात के साधनों (जल,वायु एवं सड़क) के तीन-तीन चित्र, हिंदी पाठ्य पुस्तिका में चिपकाए तथा उनके नाम भी लिखे!
2. 10 तुकांत शब्द लिखे एवं याद करें!
3. 5 पेज सुलेख लिखें!
4. हिंदी पढ़ने का अभ्यास करें तथा प्रतिदिन अपनी पाठ्य पुस्तक की एक कहानी अथवा कविता का स्वाध्याय करें!

CLASS - 2

ENGLISH:-

1. write 5 lines on the new year celebration 2023.
2. Make a Christmas tree on chart paper and decorate it.
3. Write 1 page handwriting everyday.

MATHEMATICS:-

1. Write and memorize tables from 11-20.
2. Do page no. 116,117&118
3. Which year has February of 29 days?
a) 2001 b) 2002 c) 2003 d) 2004
4. Write numbers name from 101-150.

E.V.S.:-

1. Make a collage of things that we get from plants and animals in A4 sheet and paste it in your evs copy.
2. Revise the chapters done in class
3. Write 5 lines on "My favourite animal" in your evs copy
4. Make a drawing of solar system in A4 sheet and paste it in your Evs copy

HINDI:-

1. 10 पेज सुलेख लिखें ।
2. कोई 3 कविता याद करें।
3. आपने कौन - कौन - से पक्षी देखे हैं ? उनके नाम लिखें और अपने मनपसंद किन्हीं 5 पक्षी का चित्र बनाकर रंग भरें या चित्र चिपकाएं।
4. आपको अपना जो खिलौना सबसे ज्यादा पसंद है , उसके बारे में पांच वाक्य लिखें ।

CLASS - 3

ENGLISH:-

1. Write one page handwriting daily.
2. Write 2 new words with meaning daily.
3. Write an application to your principal asking for four days leave.
4. Write 5 lines on the Christmas festival and Draw a picture of Santa Claus.

MATHEMATICS:-

1. Identify the even numbers and odd numbers between 400 and 500. Colour odd numbers with blue and colour even numbers with yellow.
2. Look around you and list three things in which you find some patterns.
3. Make a list of things weighing less than half kg and more than half kg.
4. Arrange the minimum ten festivals in the order in which they come in the year.
5. Do homework of page no--- 125 and 156.

E.V.S.:-

1. Make a poster on 'save water' and also write a slogan with that in your EVS notebook
2. Write names of 10 domestic and 10 wild animals in your EVS notebook
3. Collect the pictures of Different types of houses and paste them in your EVS notebook.
4. Learn work done after half yearly exams.
5. Do the preparation for P.T- 2 examination.

HINDI:-

1. अपनी मौसी को पत्र लिखकर बताओ कि तुम्हारी परीक्षा की तैयारी कैसी चल रही है?
2. मिर्च का मजा कविता को 10 बार पढ़ लो और याद करो।
3. सर्दियों में मिलने वाले 5 तरह के फल और सब्जियों के नाम लिखो और उनका चित्र बनाओ।
4. "क्यों जीमल और कैसे कैसे- लिया" से लेकर "जब मुझ को सांप ने काटा" तक के सारे प्रश्नों के उत्तर याद करो।
5. वाक्य प्रयोग करो।

गुरुजी

अनाज

CLASS - 4

ENGLISH:-

1. Paste or draw the pictures of the things we get from plants.
2. Learn Periodic Test -2 syllabus.
3. Make and colour any five toys with mud clay of your choice. (मिट्टी के खिलौने ,जैसे- गुड़िया,हवाई जहाज,बस,सब्जी,फल, कार्टून ,बर्तन, जानवर,घर, पक्षी आदि)
4. Read newspaper daily and write any 5 sports news in A- 4 white sheet.

MATHEMATICS:-

1. Learn and write table from 2 to 20.
2. Make a photo frame of mathematician. Mr, Ramanujam srinivasan and write 10 lines about him.
3. Do the preparation for P. T2
4. write Roman numbers from 1 to 50..

E.V.S.:-

1. Paste any 5 picture of harvesting festival and also write the name of state where it celebrated.
2. Draw any 5 utensils which used for cooking food and also colour it .
3. In India , there are usually two seasons for growing crops , called Rabi and Kharif . Find out ---
(i) in which months of the year these seasons fall , and
(ii) which crops in your area grown in the Rabi season and the Kharif season.

Fill up the table below with what you found.

Season	Months in which it falls	Crop Grown
Rabi		
Kharif		

4. Project Work

Collect some news clippings which tell about the scarcity of water from the old newspapers and paste them in A4 size sheet .

5. Revise chapter 14 to 21 for Periodic Test - 2 examination.

HINDI:-

1. आपने नए साल को किस तरह मनाया इसका वर्णन 100 शब्दों में कीजिये।
2. कविता कौन से लेकर पढ़कू की सूझ तक सभी प्रश्नोत्तर याद कीजिये।
3. ऊपर लिखित चारों पाठ में से 20 कठिन शब्द छाँट कर लिखिए।

CLASS - 5

ENGLISH:-

1. Write a notice about a football match going to conduct in your school.
2. Revise the syllabus for PT-2
3. Prepare a dictionary having a minimum 5 words of each alphabet with meaning.
4. Do 10 English translations in your English notebook daily.

MATHEMATICS:-

1. Write multiplication table 2 to 25 Memorise table 2 to 25 practising.
2. Revise Chapter: Boxes and sketch, tenth and hundredths, Area it's boundary for periodic test- II
3. Write and learn the formula of the following: -
 - Area of square
 - Perimeter of square
 - Area of Rectangle
 - Perimeter of Rectangle

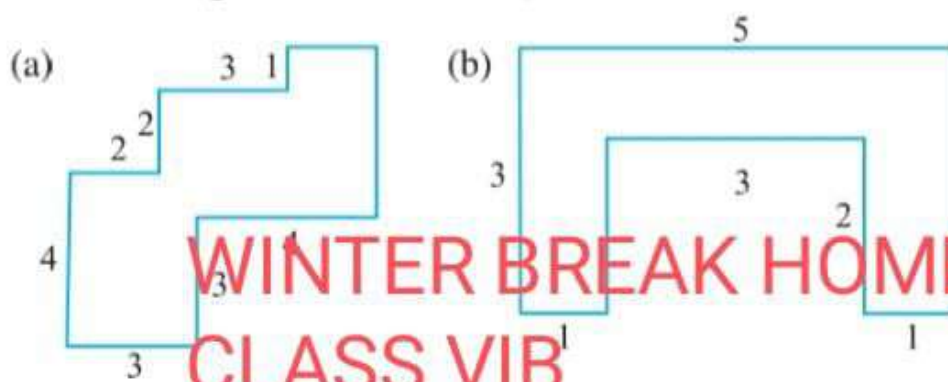
E.V.S.:-

1. Draw and name 3 Instruments we blow air into to produce sound.
2. What is drought?
3. Find the names of 4 natural disasters.
4. Name 3 sports that are played as a team.
5. What is the full form of LPG, CNG, BCCI, IPL and ICC.
6. Learn all the question answers from "A Shelter so high"

HINDI:-

1. 5 पेज़ सुलेख लिखना है।
2. चावल की रोटियां से बिशन की दिलेरी तक के सभी प्रश्नोत्तर याद करें ।
3. 10 मुहावरा का अर्थ लिखकर वाक्य बनाए।
4. आपने नए साल को किस तरह मनाया इसका वर्णन 10 पंक्तियों में लिखें ।

- Find the areas of the rectangles whose sides are :
 (a) 3 cm and 4 cm (b) 12 m and 21 m (c) 2 km and 3 km (d) 2 m and 70 cm
- Find the areas of the squares whose sides are :
 (a) 10 cm (b) 14 cm (c) 5 m
- The length and breadth of three rectangles are as given below :
 (a) 9 m and 6 m (b) 17 m and 3 m (c) 4 m and 14 m
 Which one has the largest area and which one has the smallest?
- The area of a rectangular garden 50 m long is 300 sq m. Find the width of the garden.
- What is the cost of tiling a rectangular plot of land 500 m long and 200 m wide at the rate of ₹ 8 per hundred sq m.?
- A table-top measures 2 m by 1 m 50 cm. What is its area in square metres?
- A room is 4 m long and 3 m 50 cm wide. How many square metres of carpet is needed to cover the floor of the room?
- A floor is 5 m long and 4 m wide. A square carpet of sides 3 m is laid on the floor. Find the area of the floor that is not carpeted.
- Five square flower beds each of sides 1 m are dug on a piece of land 5 m long and 4 m wide. What is the area of the remaining part of the land?
- By splitting the following figures into rectangles, find their areas (The measures are given in centimetres).



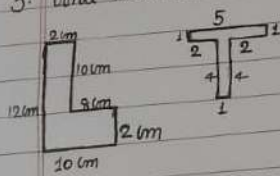
WINTER BREAK HOME WORK
CLASS VIB

Class - VI A Maths

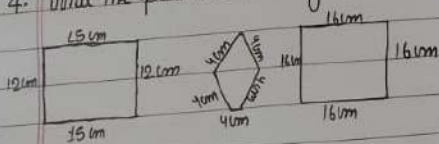
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- Find the area of the rectangle whose sides are :-
(a) 5 cm and 7 cm (b) 12 cm and 15 cm (c) 5 m and 800 cm (d) 2 km and 4 km.
- Find the area of the square whose sides are :-
(a) 15 cm (b) 18 cm (c) 6 cm (d) 10 cm.
- Find their area :-



- Find the perimeter each figures :-



- Find the cost of fencing a square park of side 250 m at the rate of 20 per metre.
- The lid of a rectangular box of sides 40 cm by 10 cm is ~~not~~ sealed all round with tape. what is the length of the tape required?
- The number of mathematics books sold by a ~~book~~ shopkeeper on six consecutive day.

Day	S	M	Tu	wed	Thu	Fri
No. of books sold	65	40	30	50	20	70

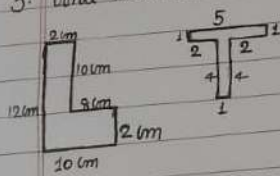
- Subtract 1.85 from 5.44
- Subtract 2.25 from 5.68
- $220.69 + 25.2 + 38$
- $15 + 0.432 + 13.8$
- Express as cm using decimals :-
(a) 93 mm (b) 164 mm
- Express as kg using decimals :-
(a) 3750 g (b) 26 kg 50 g
- $200 + 20 + 5 + \frac{9}{10} + \frac{9}{100}$
- Write as decimals :-
(a) $\frac{4}{5}$ (b) $\frac{3}{4}$ (c) $\frac{7}{1000}$

Class - VI A Maths

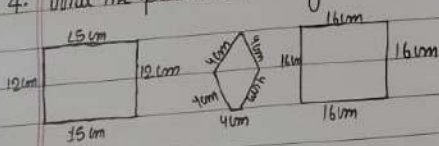
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Kendriya vidyalaya

CRPF Mokamaghat

Winter vacation Assignment

Subject-social science

History –

1.Do all the Exercise Questions from Chapter 7&8

Political science

2.Do all the Exercise Questions From

Chapter 5&6

Geography

3.Do all the Exercise Questions of chapter 5.

Revise all the chapters and prepare one linear notes of all chapters.

Winter Break HW - VI Eng

1. 'I study.' Rewrite this sentence into 11 other tenses.

2. Write 20 verb forms [V^1, V^2 & V^3]
Write 20 adjectives of degree i.e. good, better, best.

4. Write an application to the prince - pal for sick leave.

5. Write a letter to your father about your preparation for PT-II

6. Write down the answer of the following questions:-

(a) How does the poet plan to find out? What will he do when once he find out? [where do all the teachers go]

(b) What was the purpose of these special days? [A different-kind of school]

(Saathii)

Date ___/___/___

- (c) How do we know that Akbar was fond of Tansen? Give two reasons.
- (d) Why was the crocodile unwilling to invite his friend home?
- (e) Why are dreams important? Mention two reasons.

M. Kr

Winter Break Homework

Class VI –B ENG

1. Learn questions and answers of chapters 5 to 7. (Honeysuckle)
2. Learn questions and answers of chapter: The monkey and the crocodile.
3. Copy completion must be done.
4. Write an application to the principal of your school for setting-up a canteen in your school.
5. Revise syllabus for Periodic Test 3.

केंद्रीय विद्यालय मोकामाघाट
शीतकालीन अवकाश गृहकार्य

विषय-हिंदी

कक्षा-6

1. अपने आस-पास की सफाई पर ध्यान देते हुए मित्र के पास पत्र लिखें।
2. अपने पाठ्य पुस्तक "वसंत " की कविता सुमित्रानंदन पंत द्वारा रचित मैं सबसे छोटी होऊँ का भावार्थ लिखें एवं याद करें।
3. निबंध लिखें।
 - (I) गणतंत्र दिवस
 - (II) झांसी की रानी लक्ष्मीबाई
4. "बाल रामकथा" पुस्तक में पाठ-6,7,8,9,,10 का प्रश्नोत्तर लिखें एवं याद करें।
5. "वसंत पुस्तक" में पाठ-10,11,12,13,14 प्रश्नोत्तर याद करें।
6. परीक्षा को ध्यान में रखते हुए पाठ्यक्रमों में आने वाले अध्यायों को ध्यानपूर्वक पढ़ें।

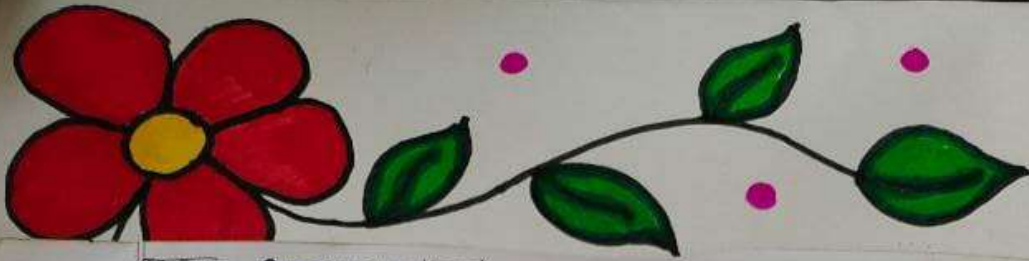
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Winter Vacation Homework of Science

Session – 2022 – 23

Class - VI

- 1. Give one example of each type of motion:**
 - A. Rectilinear**
 - B. Rotational**
 - C. Random**
 - D. Oscillatory**
- 2. Write three differences between image and shadow.**
- 3. What is open circuit and close circuit? Explain with suitable diagrams.**
- 4. Identify the following as transparent, translucent and opaque.**
Wax, rubber, a heap of salt,, stone, milk, blood, spectacles
- 5. Write the characteristic of image formed in plane mirror.**
- 6. Differentiate between real and virtual image.**
- 7. Write three methods to demagnetise the magnet.**
- 8. Write two main properties of a magnet.**
- 9. What is switch? Write its uses.**
- 10. What is conductor and insulator?**



कक्षा - सप्तम 'व' अ'
विषय - शिक्षिका प्रिती

हिन्दी

classmate

Date

Page

शीतकालीन अवकाश गृहकार्य

1. अपनी पाठ्य पुस्तक "वसंत की कविता मीराबाई द्वारा रचित "मौस और बरखा" कविता का मापार्थ लिखें एवं याद करें।
2. महाभारत पुस्तक में पाठ 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 से प्रश्न उत्तर लिखें एवं याद करें।
3. अपने मित्र की ठंड से बचाव के बारे में चर्चा करते हुए संवाद लिखें।
4. "वसंत" पुस्तक में पाठ 11, 12, 13, 14, 15, 16, 17 का प्रश्न-उत्तर याद करें।
5. सच्चे मित्र का आपके जीवन में क्या महत्व है। 120 शब्दों में अपने विचार लिखें।
6. किसी दस शब्दों के तीन-तीन पर्यायवाची लिखें।
7. किसी बीस शब्दों का विलोम शब्द लिखें।

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CLASS - 7 A

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8. सफाई पर चर्चा करते हुए अपने छोटे भाई की पत्र लिखें।

9. परीक्षा की दृष्टान में श्वरते हुए पाठ्यक्रमों में आनेवाले अध्यायों की दृष्टानपूर्वक पहें।

Holidays homework 2022(Winter break)

Class: VII Subject: Science

Q.1 Write the definition of reproduction and its types with properties clearly. ?

Q2. On the graph sheet draw different three distance-time graph and explain it. ?

Q. 3. Write the keywords of ch-13 and learn also. ?

Q. 4. On a chart paper draw symbols for some electric components and electric bell electromagnet also write its definition down the diagram. ?

Q. 5. Write the keywords of ch -15. ?

Q. 6. Write the properties of convex mirror , concave mirror, concave lens , convex lens. . ?

Q. 7. Write the uses of convex and concave mirror lens. ?

Q. 8. Remember all chapters clearly for PT-II exam.

Winter Break HW - VII Eng.

Answer the following questions:-

1. What was the author's opinion about Mr. Gessler as a bootmaker?
2. What was the effect on Mr. Gessler of the author's remark about a certain pair of boots?
3. Does Nishad agree with Maya about Mr. Nath? How does he feel about him?
4. What do you think the talking fan was demanding?
5. Why did Abbu Khan's goat want to run away? What

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- happened to them in the hills?
6. Write down the poem, 'Mystery of the talking Fan' nicely.
7. Write 20 verb forms (V¹, V² & V³)

realme

Shot by Priyanjali



M.Kr.

Class-7 'A' (B') Mathematics
Winter Break Homework
 Winter Holiday Homework

(1) Classify into monomial, binomial and trinomial

- (1) $5-3t \Rightarrow B$ (2) $x+x^2+x^3 \Rightarrow B$
 (3) $4p^2q-4pq^2 \Rightarrow B$ (4) $-4+8y^2-3xz \Rightarrow T$
 (5) $a^2+b^2 \Rightarrow B$ (6) $100 \Rightarrow M$

(2) Add and subtract

- (1) $(m-n), (m+n)$ (2) $(3x+11), (7x-5)$
 (3) $(mn+5-l), (mn+3)$ (4) $(7m-4n), (8m+5n)$

(3) What should be added to $x^2+2xy+y^2+10$ to obtain $2x^2+3xy$?

(4) Simplify Combining like terms:

$P-(P-Q)-Q-(Q-P)$

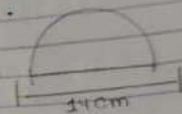
(5) Find the area of the circle

- (a) $r=14\text{cm}$ (b) $r=35\text{cm}$ (c) $d=42\text{cm}$
 (d) $r=7\text{cm}$

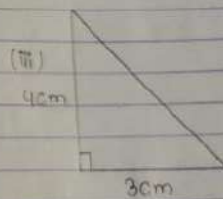
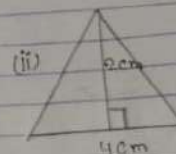
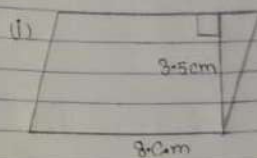
(6) Find the circumference of the circle

- (a) $r=14\text{mm}$ (b) $r=31\text{cm}$ (c) $r=42\text{cm}$ (d) $d=14\text{mm}$

(A) Find the perimeter of the figure.



B) Find the area.



(a)	Base	height	Area
	15	11.6cm	87cm ²
	22	15.8cm	170.5cm ²

find the missing value.

(10) Solve the following equation.

(a) $q+7=5$

(b) $4(m+3)=18$

(c) $12p-5=25$

(d) $-2(x+3)=8$

Winter vacation holiday home work

Class-7B

Subject-social science

1. Who prescribed the rules of varna?(वर्ण के नियम किसने निर्धारित किए थे?)
2. Tell about the policies of the present government towards the tribal population.(जनजातीय आबादी के प्रति वर्तमान सरकार की नीतियों के बारे में बताये।)
3. **What made Garha Katanga a rich state?** (गढ़ा कटंगा को एक समृद्ध राज्य किसने बनाया?)
4. Give the names of saints of Maharashtra. What were their thoughts? महाराष्ट्र के संतों के नाम बताइए। उनके विचार क्या थे?
5. **Why did settlements grow near the river valleys?**(नदी घाटियों के पास बस्तियाँ क्यों बढ़ीं?)
6. **What are the crops grown by the people of the Amazon Basin?**(अमेज़न बेसिन के लोगों द्वारा उगाई जाने वाली फसलें कौन सी हैं?)
7. **What does the word 'media' mean?**(मीडिया' शब्द का क्या अर्थ है?)
8. **Why branded goods are expensive as compared to non-branded goods?** गैर-ब्रांडेड वस्तुओं की तुलना में ब्रांडेड वस्तुएं महंगी क्यों होती हैं?
9. On the outline map of World locate the following places.
 - i) Ganga Brahmaputra basin गंगा ब्रह्मपुत्र बेसिन
 - ii) Tropic of cancer अक्षांश रेखा
 - iii) amazon basin अमेज़न की घाटी
 - iv) Kaziranga National Park काजीरंगा राष्ट्रीय पार्क

Winter Break homework

(1) Solve the equations:-

(a) $\frac{15}{4} - 7x = 9$ (c) $17 + 6p = 9$

(b) $\frac{x}{3} + \frac{5}{2} = \frac{-3}{2}$ (d) $x + \frac{11}{4} = 13$

(2) 15 years from now vivek age will be 4 times his present age. what is vivek present age.

(3) Which is not a perfect square.

- (a) 1057 (b) 625 (c) 521 (d) 1025

(4) Find the square (a) 71 (b) 23

(5) Write a pythagorean triplet
14

(6) Add the following :-

(a) $ab - bc, bc - ca, ca - cb$

(b) $7xy + 5yz - 3zx, 4yz + 9zx - 4y$

(7) Find the Product

(a) $\left(\frac{2}{3}xy\right) \times \left(\frac{-9}{10}x^2y^2\right)$

(b) $(a^2) \times (2a^{22}) \times (4a^{26})$

(8)	Diagram	Shape	Area	Perimeter
		Rectangle		
		Square		
		Triangle		
		Parallelogram		
		Circle		

(9) (a) Area of trapezium =

(b) Area of Rhombus =

(c) T.S.A of cuboid =

(d) T.S.A of cube =

(e) T.S.A of cylinder =

(f) IL = --- cm^3 .

(10) Find the value of

(a) $\frac{8^{-1} \times 5^3}{2^{-4}}$

(b) $\frac{3^{-5} \times 10^{-5} \times 125}{5^{-7} \times 6^{-5}}$

Express in standard form

8570000000

Class VIII A

Hist History) Write one page about the Moderate leaders of the Indian National Congress.

> Describe in length the holocaust of Partition

Civics > What are the benefits of public facilities?
> Describe a public facility in your locality.

Geo > Why are Human Resources regarded as the most crucial?

> How is the Government of India improving the skill levels of the citizen?

Winter vacation holiday home work

Class-8B

Subject-social science

1. **Who raised the slogan "Freedom is my birthright and I shall have it!"?** "स्वतंत्रता मेरा जन्मसिद्ध अधिकार है और मैं इसे लेकर रहूँगा" का नारा किसने दिया था?
2. **Why was the Quit India Movement started?** भारत छोड़ो आंदोलन क्यों शुरू किया गया था?
3. **How did Raja Ram Mohan Roy abolish sati system?** राजा राम मोहन राय ने सती प्रथा को कैसे समाप्त किया?
4. **Why was Sakchi chosen to set up the steel plant by TISCO?** टिस्को द्वारा इस्पात संयंत्र स्थापित करने के लिए साकची को क्यों चुना गया?
5. **What are the factors responsible for the growth of iron and steel industry in Pittsburgh?** पिट्सबर्ग में लोहा और इस्पात उद्योग के विकास के लिए उत्तरदायी कारक कौन से हैं?
6. **What were the hardships faced by the Adivasis?** आदिवासियों को किन कठिनाइयों का सामना करना पड़ा?
7. **What was the conclusion reached by the Justice Rajindar Sachar Committee?** जस्टिस राजिंदर सचर कमेटी ने क्या निष्कर्ष निकाला?
8. **Name few marginalised groups of India.** भारत के कुछ उपेक्षित समूहों के नाम लिखिए।
9. **What is Article 17 of Indian constitution?** भारतीय संविधान का अनुच्छेद 17 क्या है?

Winter Break HW - VIII Eng

Answer the following questions:

1. Why did Penny Baxter allow Jody to go find the fawn and raise it?
2. What did Doc Wilson mean when he said, "Nothing in the world ever comes quite free"?
3. What are the three qualities that played a major role in the author's climb?
4. How many daughters did the royal court have?

Date ___ / ___ / ___

(Saathi)

5. What are the different ways in which Tilly's parents could have reacted to her behaviour? What would you have done if you were in their place?
6. Write 20 verb forms (V^1 , V^2 & V^3)
7. Write Person / case Table.

M. K. R.

शीतकालीन अवकाश हेतु गृहकार्य

कक्षा- आठवीं

विषय- हिंदी

1. सुदामाचरित अध्याय के आधार पर सच्ची मित्रता के बारे में लिखो।
2. जहाँ पहिया है पाठ में महिलाओं द्वारा साईकिल चलाना सिख लेने के बाद उन्हें प्राप्त सुविधाओं के बारे में लिखो ।
3. अकबरी लोटा कहानी का सारांश अपने शब्दों में लिखो।
4. कबीर की साखियों से हमें क्या शिक्षा मिलती है? वर्णन करो ।
5. आगामी परीक्षा पर अपने मित्र से चर्चा पर एक संवाद लिखो ।
6. किसी दस शब्दों के तीन-तीन पर्यायवाची लिखो ।
7. किन्हीं बीस शब्दों के बिलोम शब्द लिखो ।
8. युगों का दौर 1.पाठ के महत्वपूर्ण बिन्दुओं को लिखो ।
9. बाज और सांप कहानी के आधार पर स्वतंत्रता के बारे में लिखो ।

17/10/22

Winter break Holiday Homework

- Q1) Suppose your writing desk is ~~tilt~~ tilted a little. A book kept on it starts sliding down. Show the direction of frictional force acting on it?
- Q2) You spill a bucket of soapy water on a marble floor accidentally, would it make it easier or more difficult for you to walk on the floor? why?
- Q3) Explain why sliding friction is less than static friction?
- Q4) A pendulum oscillates 40 times in 4 seconds. Find its time period and frequency?
- Q5) The sound from a mosquito is produced when it vibrates its wings at an average rate of 500 vibrations per second. What is the time period and frequency? of the vibrations?
- Q6) Sketch larynx and explain its function in your own words?
- Q7) It is safe for the electrician to carry out electrical repairs outdoors during heavy downpour. Explain.

Q8) Pehli had heard that rainwater is a good as distilled water. So she collected some rainwater in a clean glass tumbler and tested it using a tester. To her surprise she found that the compass needle showed deflection. What could be the reason?

Q9) Prepare a list of objects around you that are electrified.

Q10) Explain why a charged body loses its charge if we touch it with our hand?

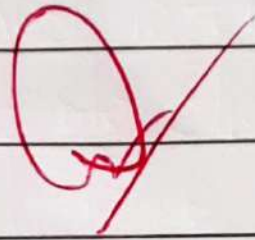
Q11) Name the scale on which the destructive energy of an earthquake is measured. An earthquake measures 3 on this scale. Would it be recorded by seismograph? Is it likely to cause much damage?

Q12) Suggest three measures to protect ourselves from lightning?

Q13) Locate the earthquake zones on a map of India?

Q14) Locate the earthquake zones on a map of world?

Q19) Explain the structure of lightning conductor with diagram?



Kendriya Vidyalaya , CRPF, Mokamaghat

Winter Vacation Homework of Science

Session – 2022 – 23

Class - VIII

- 1. Explain three types of friction with examples.**
- 2. Write two advantages and two disadvantages of friction.**
- 3. Explain why, a speedboat has a streamlined shape?**
- 4. Draw the diagram of larynx and write its functions.**
- 5. Draw the diagram of human ear and explain its working.**
- 6. Why are the voices of men, women and children different?**
- 7. What is meant by electroplating? What is the purpose of electroplating?**
- 8. Name any two applications of the chemical effect of electric element?**
- 9. Write three measures to protect ourselves from lightning.**
- 10. What is an earthquake? What are the two main situations in which earthquake occurs?**
- 11. What are the various effects of an earthquake?**

शीतावकाश गृहकार्य , संस्कृत, 2022--23, कक्षा 6--8 अ +ब

1. सभी बच्चें संस्कृत में छात्र-प्रतिज्ञा याद कर , संस्कृत उत्तर पुस्तिका में लिखेंगे।

2. कक्षा षष्ठी, पाठ विमान यानं रचयाम , कक्षा सप्तमी, पाठ विधाधनम् एवं कक्षा अष्टमी, पाठ नीतिनवनीतम् से कोई पांच श्लोक याद कर, भावार्थ सहित संस्कृत उत्तर पुस्तिका में लिखना है।

3. अर्धवार्षिक परीक्षा के बाद, पढ़ाये गये सभी पाठ को पुनः तैयार कर आगे परीक्षा के लिए तैयारी करना ।

4. संस्कृत में पांच फूलों के नाम याद कर लिखना।

8:31 pm

- Find the cost of laying grass in a triangular field of sides 50 m, 65 m and 65 m at the rate of Rs 7 per m^2 .
- The triangular side walls of a flyover have been used for advertisements. The sides of the walls are 13 m, 14 m and 15 m. The advertisements yield an earning of Rs 2000 per m^2 a year. A company hired one of its walls for 6 months. How much rent did it pay?
- From a point in the interior of an equilateral triangle, perpendiculars are drawn on the three sides. The lengths of the perpendiculars are 14 cm, 10 cm and 6 cm. Find the area of the triangle.
- The perimeter of an isosceles triangle is 32 cm. The ratio of the equal side to its base is 3 : 2. Find the area of the triangle.
- Find the area of a parallelogram given in Fig. 12.2. Also find the length of the altitude from vertex A on the side DC.
- A field in the form of a parallelogram has sides 60 m and 40 m and one of its diagonals is 80 m long. Find the area of the parallelogram.
- The perimeter of a triangular field is 420 m and its sides are in the ratio 6 : 7 : 8. Find the area of the triangular field.
- The sides of a quadrilateral ABCD are 6 cm, 8 cm, 12 cm and 14 cm (taken in order) respectively, and the angle between the first two sides is a right angle. Find its area.
- A rhombus shaped sheet with perimeter 40 cm and one diagonal 12 cm, is painted on both sides at the rate of Rs 5 per m^2 . Find the cost of painting.
- Find the area of the trapezium PQRS with height PQ given in Fig. 12.3

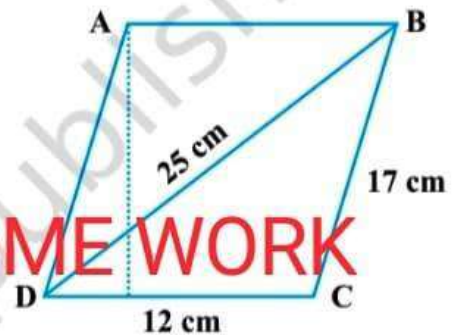


Fig. 12.2

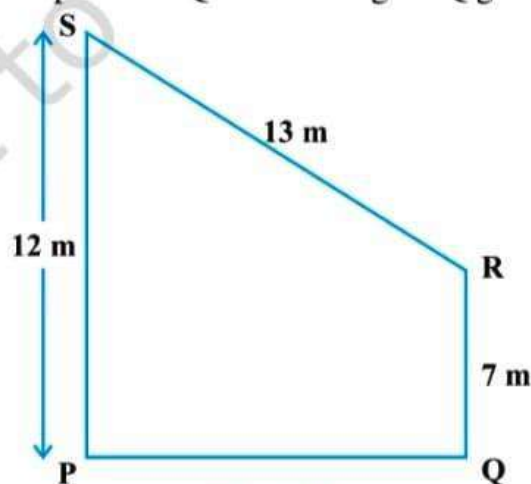


Fig. 12.3

Class IX - A

History > How can we conserve and protect our forests?

> How did colonialism affect the forest cover of India?

Civics > Why are elections a necessity?
> Would you ever like to contest an election?

Geo > What is the composition of India's population?
What are the different dimensions of food security?



Class X - A

Hist

> Why were the Indian leaders invited for a Round Table Congress?

How did Gandhiji make India into a mass movement?

Geo > Why is the chemical industry regarded as its own biggest consumer?

> Write a detailed note on the Golden Amendment?

Civics > Elections are a necessary evil. Discuss

FE
ASHA - TGT - SST

Winter Break Homework

Class IXth (A&B)

1. You are Rashmi/Ravi, a resident of A- 20, Aurbindo Marg, New Delhi. You are deeply troubled by illegal selling of alcohol in Bihar. Write a letter to the Editor of "The Hindustan Times" drawing attention to this problem
2. Learn and write notes of Subject Verb Concord.
3. Copy completion must be done.
4. You are Sakshi/Saksham, Hostel Warden, Radha Krishna Public School, Vrindavan, Uttar Pradesh. Write a letter to the Sales Manager, Bharat Electronics and Domestic Appliances Ltd., New Delhi, placing an order for fans, microwaves, ovens and geysers that you wish to purchase for the hostel. Also ask for discount permissible on the purchase..
5. Learn Tense rules and structures.
6. Revise syllabus for Periodic Test 3.

Winter vacation holiday home work

Class-10B

Subject-social science

1. Why do banks ask for collateral while giving credit to a borrower?(उधारकर्ता को ऋण देते समय बैंक संपार्श्विक क्यों मांगते हैं?)
2. What is the meaning of 'barter system'?(वस्तु विनिमय प्रणाली का क्या अर्थ है?)
3. **What was Inland Emigration Act of 1859? 1859 का अंतर्देशीय उत्प्रवास अधिनियम क्या था?**
4. **Gandhiji proposed that the Non-Cooperation should unfold in stages. Explain गांधीजी ने प्रस्तावित किया कि असहयोग चरणों में प्रकट होना चाहिए। समझाए**
5. **What outcomes are expected of a democracy? लोकतंत्र से क्या परिणाम अपेक्षित हैं?**
6. What is the basic objective of 'Self Help Groups'?(स्वयं सहायता समूहों का मूल उद्देश्य क्या है?)
7. Manufacturing industry is considered the backbone of economic development of India." Give reasons.(विनिर्माण उद्योग को भारत के आर्थिक विकास की रीढ़ माना जाता है।" कारण दे।)
8. List the major factors which affect the location of an industry at a place.(किसी स्थान पर उद्योग की अवस्थिति को प्रभावित करने वाले प्रमुख कारकों की सूची बनाइए।)
9. What are 'agglomeration economies' in the industrial context?(औद्योगिक संदर्भ में 'एग्लोमेरेशन इकोनॉमी' क्या हैं?)
10. (Outline Political Map of India)
 1. Indian National Congress Sessions:
 - a. Calcutta (Sep. 1920)
 - b. Nagpur (Dec. 1920)
 - c. Madras (1927)
 2. Important Centres of Indian National Movement
 - a. Champaran (Bihar) - Movement of Indigo Planters
 - b. Kheda (Gujarat) - Peasant Satyagrah
 - c. Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha
 - d. Amritsar (Punjab) - Jallianwala Bagh Incident
 - e. Chauri Chaura ((U.P.) - Calling off the Non-Cooperation Movement
 - f. Dandi (Gujarat) - Civil Disobedience Movement

Kendriya vidyalaya

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Class-XII th

Winter vacation Assignment

Subject-Economics

Project-Draw all the curves from chapter 3&4 of Microeconomics in a stick file.

Write about the features of Perfect Competition.

Subject-statistics

Prepare an assignment on every topic of Mean ,Median,Mode, Standard Deviations.write about there features and one numerical from every above topics (Discrete and continuous series)

Winter vacation holiday home work

Class-9B

Subject-social science

1. Explain the role of the Election Commission in the election. चुनाव में चुनाव आयोग की भूमिका की व्याख्या कीजिए।
2. How many seats are reserved for SCs and STs in the Lok Sabha? लोकसभा में अनुसूचित जाति और अनुसूचित जनजाति के लिए कितनी सीटें आरक्षित हैं?
3. What are the various uses of forests in our day-to-day lives? हमारे दैनिक जीवन में वनों के विभिन्न उपयोग क्या हैं?
4. What is 'buffer stock'? Why was it created by the government? 'बफर स्टॉक' क्या है? इसे सरकार ने क्यों बनाया?
5. On what factors does food security depend on? खाद्य सुरक्षा किन कारकों पर निर्भर करती है?
6. **What are the social indicators of poverty as seen by social scientists?** सामाजिक वैज्ञानिकों द्वारा देखे गए गरीबी के सामाजिक संकेतक क्या हैं?
7. **What are the conditions of MGNREGA?** क्या हैं मनरेगा की शर्तें?
8. **What are the push and pull factors of internal migration in India?** भारत में आंतरिक प्रवासन के प्रेरक और खींचने वाले कारक क्या हैं?
9. Describe the major vegetation zones of the Himalayan region. हिमालय क्षेत्र के प्रमुख वनस्पति क्षेत्रों का वर्णन कीजिए।

Winter vacation Holiday Homework

Class - XI
Session - 2021-22

Sub: - English

- Q1. The 21st century has been an erosion of values in the society. Experts and educationists stress on value based education to meet the challenges. write a debate in favour of / against the topic - "value based education / traditional education". you are Ammit / Amrita.
- Q2. The sports and Games must be a part of our life. write a speech on the importance of these. you are shyam / shresha.
- Q3. speech - Grow more trees to Reduce pollution.
- Q4. Debate - Money should be earned ethically.
- Q5. speech - science destroys the piety of the earth.
- Q6. Debate - online study is better than classroom study.
- Q7. Draw a poster on - computer / IT has been broken chain of family.
- Q8. poster - "Garbage collection & dumping".
- Q9. poster - "Drugs - a bane for life".

SAMPLE QUESTION PAPER (2022-23)
ENGLISH – CORE (301)
CLASS-XII

Time allowed: 3 Hrs.

Maximum Marks: 80

General Instructions:

1. 15-minute prior reading time allotted for Q-paper reading.
2. The Question Paper contains THREE sections-READING, WRITING and LITERATURE.
3. Attempt questions based on specific instructions for each part. Write the correct question number in your answer sheet to indicate the option/s being attempted.

Section A: READING SKILLS (20 marks)		Marks
I	Read the passage given below.	10
1	Ghost nets aren't supernatural, but they are legitimately scary. A ghost net is a fishing net that's been lost or abandoned in the ocean. They are one particularly appalling part of the global ghost fishing problem, which includes fishing gear abandoned in the water. Any net or line left in the ocean can pose a threat to marine life. Just because a net is no longer used by fishers doesn't mean it stops working. These nets continue to trap everything in their path, presenting a major problem for the health of our oceans and marine life.	
2	Ghost nets entangle sea turtles, dolphins and porpoises, birds, sharks, seals and more, apart from catching fish. The nets keep animals from moving freely, cause injuries and keep mammals and birds from rising to the surface for air. Since hundreds of animals can be caught in a single net, this threat is monumental. The ghost nets harm coral reefs too—breaking corals, exposing them to disease and even blocking the reefs from needed sunlight.	
3	Ghost nets are also a major contributor to the ocean plastics' crisis. Most modern nets are made of nylon or other plastic compounds that can last for centuries. According to a 2018 study in Scientific Reports, ghost nets make up at least 46 percent of the Great Pacific Garbage Patch. Those abandoned fishing lines and nets that do breakdown never go away; they just become smaller pieces of plastic. Marine animals mistake this microplastic for food and eat it, which can harm internal organs, keep them from eating and expose them to toxic chemicals.	
4	Exorcising ghost nets from our oceans will require commitment, cooperation and innovation. Many groups are working to remove ghost nets from the sea and are collaborating with local fishers and governments around the world to identify target areas and remove as many nets as possible. In 2015, a single World Wildlife Fund for Nature (WWF)-led mission in the Baltic Sea hauled up 268 tons of nets, ropes and other material.	
5	To stop these nets from becoming ghosts in the first place, conservation organisations advocate for fishing gear that can be traced to its owner so anyone dumping nets can be fined and refundable deposits on nets to encourage returning or recycling rather than littering. Tools like sonar reflectors that can make ghost nets easier to find and working with small-scale fisheries to develop more sustainable fishing gear and practices are other suggestions. It is only by attacking	

	this problem from all sides, together with conservation partners, fishers and supporters, can we banish ghost nets and protect our oceans.	
	(437 words) Adapted— https://www.worldwildlife.org/stories/our-oceans-are-haunted-by-ghost-nets-why-that-s-scary-and-what-we-can-do—24	
	Based on your understanding of the passage, answer the questions given below.	1x10
i	Complete the sentence by choosing an appropriate option. Ghost nets have been named so because they _____ A. cause much harm to the marine life. B. are functional though not in use by fishers. C. are not owned by anyone. D. act as a snare for all animals in oceans.	1
ii	Comment on the writer’s reference to the ghost nets in paragraph one, as a health problem for the oceans.	1
iii	List the two ways being entangled in a ghost net is likely to impact a walrus. (Clue: Think about the type of animal a walrus is)	1
iv	Select the option that conveys the opposite of ‘negligible’, from words used in paragraph two. A. unimpressive B. monumental C. exposing D. threat	1
v	The writer would not agree with the given statements based on paragraph three, EXCEPT: A. Most ghost nets take a few years to completely disintegrate. B. Ghost nets contribute to the Great Pacific Garbage Patch. C. Most ghost nets provide nutrition to marine animals, upon disintegration. D. Ghost nets can curtail freedom of marine animals.	1
vi	Some records share that fishing nets used to be made of common rope using natural fibres, prior to the 1960s. Based on your understanding of paragraph three, list one major advantage that these had over the fishing nets being used in present times.	1
vii	Why is it fair to say that commitment and innovation have to go hand-in-hand to rid the oceans of ghost nets?	1
viii	Complete the given sentence with an appropriate inference, with respect to the following: The writer quotes the example of the WWF-led mission in the Baltic Sea (Paragraph 4), in order to.....	1

ix	<p>How can the solutions, suggested in paragraph five, best be described?</p> <p>A. practical B. presentable C. popular D. prejudiced</p>	1
x	<p>Select the most suitable title for the above passage.</p> <p>A. The Scary Side of Ghost Nets B. Ghost Nets – A Result of Human Dominance C. Ghost Nets – A Menace to Marine Life D. Ways to Tackle the Problem of Ghost Nets</p>	1
II	<p>Read the passage given below.</p>	10
1	<p>It is generally accepted that leadership development should be a part of the education system's responsibility for preparing individuals to participate in a democratic and progressive society. Many schools, colleges and universities, across nations, provide their students with leadership courses, curricular programs and co-curricular programs that are designed to develop students' formal knowledge about leadership as well as opportunities and experiences to develop students as leaders and actually practise leadership. Yet, only a handful of studies have sought to understand leader development from the students' point of view, with students describing their own experiences and what they learned from them in their own words.</p>	
2	<p>A 2014 descriptive study sought to understand student leadership with research through key events via the following research questions:</p> <p>Research Question 1: What key events do student leaders in college, report as significantly impacting their development as a leader?</p> <p>Research Question 2: What lessons do student leaders in college, report learning as a result of the key events they have experienced?</p> <p>Research Question 3: Are certain key events more likely to be linked to particular lessons? Approximately 130 students were contacted and the 72 interested, were interviewed. Two members of the research team were present for each 15–45-minute interview. One member served as the primary interviewer while the second ran the audio equipment. The results for lessons learned (Table 1), were varied, but there were a few that were frequently quoted.</p>	

Table 1

Lessons learned	Responses
Identity	
Self Identity	58
Leadership Identity	54
Professionalism	30
Balancing Roles	19
Individual Competencies	
Delegation	17
Decision Making	15
Adaptability/Flexibility	38
Resilience/Persistence/Hard Work	18
Taking Initiative	36
Accountability/Responsibility	29
Big Picture	27
Learning to Teach/Learn	18
Support Systems	
Developing and Using Support Systems	36
Being a Support System	28
Working with Others	
Communication	59
Teamwork	26
Conflict	21
Diversity	32
Inspiring and motivating others	17
Other working with others	30
Getting the job done	
Task skills	55
Environment	34

3 This study described the rich array of leadership lessons that students are learning through their experiences. It revealed that student leaders are learning foundational leadership skills and competencies that have positively impacted how to accomplish work, how to work with others and how to be both supported by and support others.

(295 words)

Adapted-

[https://www.researchgate.net/publication/264696744 Key Events in Student Leaders' Lives and Lessons Learned from Them](https://www.researchgate.net/publication/264696744_Key_Events_in_Student_Leaders'_Lives_and_Lessons_Learned_from_Them)

Based on your understanding of the passage, answer the questions given below.

1x10

i Does the following statement agree with the information given in paragraph 1?

1

The researcher believes that educational institutions have ideal resources to study impact of leadership skills on young adults.

Select from the following:

True - if the statement agrees with the information

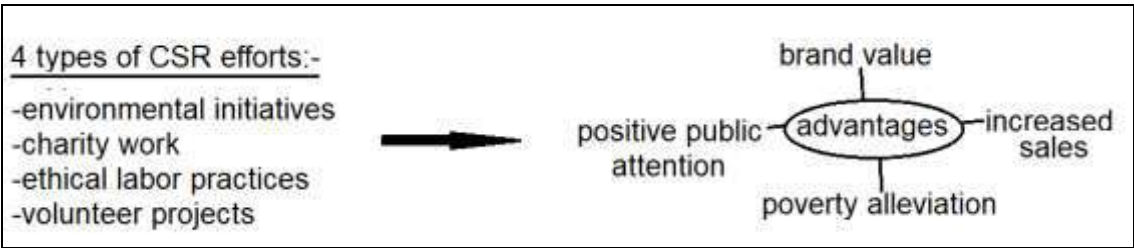
False - if the statement contradicts the information

Not Given - if there is no information on this

ii	Do you think the researchers of the study aimed to change the students' outlook towards the development of leadership skills, directly or indirectly? Support your answer with reference to the text.	1
iii	<p>Select the option that displays the most likely reason for including Research Question 3 in the 2014 study.</p> <p>In order to find out if...</p> <ul style="list-style-type: none"> A. learning opportunities shape students' overall personality. B. leadership lessons are the result of the designed learning opportunities. C. all learning opportunities cater to a specific lesson. D. certain lessons are common in more than one learning opportunity. 	1
iv	<p>Complete the sentence based on the following statement.</p> <p><i>More than 50% of the identified student respondents were keen to participate in the 2014 study.</i></p> <p>We can say this because_____.</p>	1
v	<p>Select the option that displays the key event designed with "Balancing Roles" (Table 1) as the objective.</p> <ul style="list-style-type: none"> A. Students will be able to debate the issue at hand, with different teams. B. Students will be able to manage the responsibilities of a mentor, planner researcher and presenter. C. Students will be able to surmount minor problems and focus on the final goal. D. Students will be able to explain concepts and clarify them for peers. 	1
vi	<p>Complete the given sentence by selecting the most appropriate option.</p> <p>The 2014 study attempts to understand student leadership by focussing on_____.</p> <ul style="list-style-type: none"> A. experiences that shaped students' overall personality. B. lessons gained by students as they grew up. C. relationship of key events with particular lessons. D. students in leadership roles. 	1
vii	<p>The lessons for 'Individual competencies' had a range of responses. Give one reason why having the least number of responses for 'Decision Making', is a matter that needs attention.</p>	1
viii	<p>Complete the given sentence by selecting the most appropriate option.</p> <p><i>The concluding sentence of the text makes a clear case for_____by listing it as a core competency for student leadership.</i></p> <ul style="list-style-type: none"> A. collaboration B. flexibility 	1

	C. hard work D. observation	
ix	Complete the sentence appropriately with one/ two words. In the context of “Working with Others” in Table 1, the lesson of ‘Conflict’ refers to _____.	1
x	Based on the reading of the text, state a point to challenge the given statement. <i>When theoretical knowledge about leadership suffices, it is a waste of funds by educational organisations, to organise leadership camps and programmes.</i>	1
III	SECTION B – CREATIVE WRITING SKILLS	20
<i>All the names and addresses used in the questions are fictitious. Resemblance, if any, is purely coincidental.</i>		
1.	Attempt ANY ONE from A and B given below.	5
A	You are Josely Mathew, the President of the school book club. The club is organising a drive for promoting reuse of study materials and books. Draft a notice in about 50 words, for the school notice board, addressing students of classes X-XII, informing them about this drive and urging them to contribute to the endeavour. Mention how the donated books would benefit a charitable cause.	
OR		
B	As the House Captain of A.B.M Public School, Telangana, draft a notice in not more than 50 words for the school notice board, informing House members from X-XII about the change in topic and submission dates for Round 1 of ‘Discovery’ - the upcoming Inter-House Research-based Paper Presentation Competition. Do not forget to issue an apology for the above. You are Kruthika Reddy.	
2.	Attempt ANY ONE from A and B given below.	5
A	You are Dr. Suchitra Mukherjee. You have received an invitation from the Director, Health Services, Kharagpur, W.B, to preside over a gathering of leading medical practitioners attending a workshop on mental wellness on 09 November, 2023 at 11 a.m. in the Public Hospital, Jammu, J & K. Respond to accept the invitation in about 50 words.	
OR		
B	Draft an invitation in about 50 words, on behalf of your aunt, Meghna Menon, which she has to share to invite prior work colleagues to the inaugural event of her own investment consultancy firm, in the Acer mall, Kozhikode, Kerala.	
3.	Attempt ANY ONE from A and B given below.	5
A	You are Minu Sen, an intern in a software company in Hyderabad. You feel that the growing relationship of companies with non-profit organisations have made Corporate Social Responsibility (CSR) the buzzword today. Your own involvement in one such project for your company has convinced you that CSR looks beyond the company profits and focuses on benefiting the greater community.	

Write a letter to the editor of a national daily in about 120-150 words, sharing your opinion about CSR and its advantages and provide suggestions to make it an integral part of every organisation. Use the given cues along with your own ideas to compose this letter.



OR

B You are Minu Sen, employed as an Asst. Manager for Corporate Social Responsibility (CSR) in your current company in Hyderabad. You saw the given advertisement in the newspaper and wish to apply for the position advertised.

CREDIT SAGE Pvt. Ltd

Required- Corporate Social responsibility Manager (CSR) Head

Job Responsibilities:

- ◆ Define strategy for Credit sage's CSR value of 1% of people's time, 1% of products and 1% of profits to the society.
- ◆ Develop various CSR initiatives in the company's adopted village
- ◆ Strategise and initiate various community benefit schemes and liason with NGO's, Govt. Bodies etc.

Preferred Skills & Qualifications

- ◆ Bachelor or Master's degree in Sociology/ Public Relations
- ◆ Strong interpersonal and communication skills (verbal and written)
- ◆ Proven experience in CSR project management and execution
- ◆ Proven experience working with non-profit organizations or Corporate CSR

Send your bio-data within 10 days to Gagan Vij, HR Head, Credit Sage Pvt.Ltd., Nashik

For further details please check our website--www.sage.com/careers/csr

Write a a letter to Credit Sage Pvt. Ltd. along with your bio-data, expressing your interest in the situation vacant.

4. Attempt **ANY ONE** from A and B given below.

5

<p>A</p>	<p>The construction sector is believed to be quite hazardous and has the maximum number of fatal work injuries because apart from other causes, stakeholders in this sector tend to ignore safety regulations.</p> <p>As a columnist for an e-zine, draft an article in about 120-150 words, on the theme of the importance of worker safety in construction zones. Explore possible reasons for the prevailing situation and include suggestions for addressing it. Support your ideas with cues given below.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">Headlines</p> <ul style="list-style-type: none"> * CONSTRUCTION WORKERS: RISK OF ACCIDENT DUE TO FATIGUE * CONSTRUCTION WORKFORCE HEALTH CHALLENGES IN EXTREME WEATHER CONDITIONS * CONSTRUCTION WORKER FATALITY: BURIED UNDER SOIL HEAP * ARE CONSTRUCTION MANAGERS FROM MARS AND WORKERS FROM VENUS? * WILL TRAINING PROGRAMMES REVAMP THE SAFETY STANDARDS? </div>													
OR														
<p>B</p>	<p>The construction sector is believed to be quite hazardous and has the maximum number of fatal work injuries. A safety fair was organised by 'Building Safely', an NGO in Mysuru, Karnataka with the overarching theme pertaining to the importance of worker safety in construction zones. You were asked to cover this event as the junior correspondent of a local daily. Write a report covering this event in about 120-150 words. Support your ideas with outline cues given below, to craft your newspaper report.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">Safety Fairs: Programmes</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Toolbox talks</td> <td style="padding: 2px;">Video dedication for the deceased</td> <td style="padding: 2px;">Speeches</td> <td style="padding: 2px;">Safety games</td> </tr> <tr> <td style="padding: 2px;">Safety demonstrations</td> <td colspan="2" style="padding: 2px;">Inaugurating special insurance programme</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Emergency response drill</td> <td style="padding: 2px;">Vote of thanks</td> <td colspan="2" style="padding: 2px;">Picnic lunch with the bosses</td> </tr> </table> </div>	Toolbox talks	Video dedication for the deceased	Speeches	Safety games	Safety demonstrations	Inaugurating special insurance programme			Emergency response drill	Vote of thanks	Picnic lunch with the bosses		
Toolbox talks	Video dedication for the deceased	Speeches	Safety games											
Safety demonstrations	Inaugurating special insurance programme													
Emergency response drill	Vote of thanks	Picnic lunch with the bosses												
SECTION C - LITERATURE														
40														
<p>IV</p>	<p>Read the given extracts to attempt the questions with reference to context.</p>													
<p>1</p>	<p>Attempt ANY ONE of two extracts given.</p>	<p>1*6=6</p>												
<p>1.A</p>	<p>It is in the news that all these pitiful kin Are to be bought out and mercifully gathered in To live in villages, next to the theatre and the store, Where they won't have to think for themselves anymore, While greedy good-doers, beneficent beasts of prey, Swarm over their lives enforcing benefits That are calculated to soothe them out of their wits, And by teaching them how to sleep they sleep all day, Destroy their sleeping at night the ancient way.</p> <p style="text-align: right;"><i>(A Roadside Stand)</i></p>													
<p>i.</p>	<p>What is the tone of the poet in the above lines? (i) aggressive (ii) tolerant</p>	<p>1</p>												

	<p>(iii) sarcastic (iv) resigned (v) sentimental</p> <p>Choose the most appropriate option.</p> <p>A. Only (i) B. (ii) and (iii) C. (i), (iv) and (v) D. Only (iii)</p>	
ii.	<p>Identify the phrase from the extract, that suggests the following:</p> <p>No one bothers to take 'their' consent before pushing the promise of a better life, their way.</p>	1
iii.	<p>What quality of the villagers can be inferred through these lines?</p> <p>A. gullible B. futuristic C. hypocritical D. ambitious</p>	1
iv.	<p>Complete the following analogy correctly. Do NOT repeat from used example.</p> <p>greedy good doers: alliteration :: oxymoron</p>	1
v.	<p>On the basis of the extract, choose the correct option with reference to (1) and (2) given below.</p> <p>(1) The city dwellers make promises for the betterment of the villagers. (2) The city dwellers have ulterior motives.</p> <p>A. (1) is true but (2) is false. B. (2) is true but (1) is false. C. (2) is the reason for (1). D. Both (1) and (2) cannot be inferred from the extract.</p>	1
vi.	<p>Fill the blank with an appropriate word, with reference to the extract.</p> <p>'... calculated to soothe them out of their wits' implies that 'them' are being _____.</p>	1
OR		
1.B	<p>A thing of beauty is a joy forever Its loveliness increases, it will never Pass into nothingness; but will keep A bower quiet for us, and a sleep Full of sweet dreams, and health, and quiet breathing. Therefore, on every morrow, are we wreathing A flowery band to bind us to the earth</p> <p style="text-align: right;"><i>(A Thing of Beauty)</i></p>	

i.	<p>Choose the option that displays the same poetic device as used in the first line of the extract.</p> <p>A. I'm as happy as I can be. B. Life is a roller coaster ride. C. Nature is God's gift to us. D. The dazzling divas enchanted all.</p>	1
ii.	<p>What does the phrase 'a bower quiet' indicate?</p> <p>A. serenity B. morality C. superiority D. diversity</p>	1
iii.	<p>The benefits of a thing of beauty for humans include_____.</p> <p>(i) healthy body (ii) calm mind (iii) struggle-free life (iv) better relationships (v) hope to carry on</p> <p>Choose the most appropriate option.</p> <p>A. Only (v) B. (i), (ii) and (v) C. (i), (iii) and (iv) D. (ii) and (iv)</p>	1
iv.	<p>Answer in ONE word.</p> <p>When the poet says that 'a thing of beauty' will never pass into nothingness, he means that it is_____.</p>	1
v.	<p>On the basis of the extract, choose the correct option with reference to the two statements given below.</p> <p>(1) We are surrounded by beautiful things. (2) Beautiful things provide us joy.</p> <p>A. (1) can be inferred from the extract but (2) cannot. B. (2) can be inferred from the extract but (1) cannot. C. Both (1) and (2) can be inferred from the extract. D. (2) is the reason for (1) and can be inferred from the extract.</p>	1
vi.	<p>Which of the following is an apt title for the extract?</p> <p>A. Full to the Brim with Joy B. Beauty Galore C. Live Life King Size</p>	1

	D. Hope Floats	
2	Attempt ANY ONE of two extracts given.	1*4=4
2.A	<p>DERRY: You're... peculiar. You say peculiar things. You ask questions I don't understand.</p> <p>MR LAMB: I like to talk. Have company. You don't have to answer questions. You don't have to stop here at all. The gate's open.</p> <p>DERRY: Yes, but...</p> <p>MR LAMB: I've a hive of bees behind those trees over there. Some hear bees and they say, bees <i>buzz</i>. But when you listen to bees for a long while, they humm....and hum means 'sing'. I hear them singing, my bees.</p> <p>DERRY: But....I like it here. I came in because I liked itwhen I looked over the wall.</p> <p>MR LAMB: If you'd seen me, you'd not have come in.</p> <p>DERRY: No.</p> <p style="text-align: right;"><i>(On the Face of It)</i></p>	
i.	List the playwright's purpose of using ellipses (...) in this extract.	1
ii.	<p>Select the option that best describes Derry and Mr. Lamb in the extract.</p> <p>A. Derry: introvert; Mr. Lamb: friendly</p> <p>B. Derry: fearful; Mr. Lamb: domineering</p> <p>C. Derry: friendly; Mr. Lamb: weird</p> <p>D. Derry: open minded; Mr. Lamb: charming</p>	1
iii.	<p>Which of the following best summarises Mr. Lamb's attitude towards the bees?</p> <p>A. Beauty is being true to yourself.</p> <p>B. There is a kind of beauty in imperfection.</p> <p>C. Beauty is the promise of happiness.</p> <p>D. The beauty of the world lies in the details.</p>	1
iv.	Derry says, "I came in here because I liked it" What was the one significant thing Derry might have liked about the place, as per the extract?	1
OR		
2.B	<p><i>Students on Ice</i>, the programme I was working with on the <i>Shokalskiy</i>, aims to do exactly this by taking high school students to the ends of the world and providing them with inspiring educational opportunities which will help them foster a new understanding and respect for our planet. It's been in operation for six years now, headed by Canadian Geoff Green, who got tired of carting celebrities and retired, rich, curiosity-seekers who could only 'give' back in a limited way. With <i>Students on Ice</i>, he offers the future generation of policy-makers a life-changing experience at an age when they're ready to absorb, learn, and most importantly, act.</p> <p style="text-align: right;"><i>(Journey to the End of the Earth)</i></p>	
i.	Complete the sentence appropriately, with reference to the extract. The writer refers to the educational opportunities as 'inspiring' because_____.	1

ii.	<p>Which of the following would NOT be ‘a life changing experience’?</p> <p>A. Being given the lead role in a play. B. Going on an adventure trip. C. Playing a video game. D. Meeting a great leader, you admire.</p>	1
iii.	<p>Select the most suitable title for the given extract.</p> <p>A. Adventure with a Mission B. Adventure – The Spice of Life C. The Wanderlust D. Students of the Future</p>	1
iv.	<p>Why does the writer refer to ‘act’ as more important than ‘absorb’ or ‘learn’?</p>	1
3	<p>Attempt ANY ONE of two extracts given.</p>	1*6=6
3.A	<p>A girl from the countryside, she hadn’t gone through all the stages of worldly experience that generally precede a position of importance and sophistication that she had found herself catapulted into. She never quite recovered from the terror she felt that day. That was the end of a brief and brilliant acting career — the legal adviser, who was also a member of the Story Department, had unwittingly brought about that sad end. While every other member of the Department wore a kind of uniform — <i>khadi</i> dhoti with a slightly oversized and clumsily tailored white <i>khadi</i> shirt — the legal adviser wore pants and a tie and sometimes a coat that looked like a coat of mail. Often, he looked alone and helpless ...</p> <p style="text-align: right;"><i>(Poets and Pancakes)</i></p>	
i.	<p>Select the option that completes the given sentence appropriately.</p> <p>‘Stages of worldly experience’ in the given context would refer to _____.</p> <p>A. good education to gain knowledge. B. situations that require one to be street smart. C. smaller, not so important roles in acting. D. training in soft skills.</p>	1
ii.	<p>Select the suitable word from the extract to complete the following analogy:</p> <p>sealed: closed :: propelled: _____</p>	1
iii.	<p>Select the correct option to fill in the blank.</p> <p>The harm done to the actress was a/an _____</p> <p>A. well-planned act. B. unintentional act. C. act of jealousy. D. act of male dominance.</p>	1
iv.	<p>Based on the above extract, choose the statement that is TRUE for the legal adviser.</p>	1

	<p>A. He disliked the actress from the countryside. B. He acted after thinking through things carefully. C. He did not gel well with others in the Department. D. He was always dressed smartly.</p>	
v.	Identify the textual clue that allows the reader to infer that the writer is sympathetic towards the professional fate of the actor. <i>(Clue: a phrase)</i>	1
vi.	Complete the sentence with an appropriate explanation, as per the extract. The writer uses the word 'uniform' to refer to the outfits of the Department members because just like a uniform_____.	1
OR		
3.B	Some might make quite extravagant claims for it as being, in its highest form, a source of truth, and, in its practice, an art. Others, usually celebrities who see themselves as its victims, might despise the interview as an unwarranted intrusion into their lives, or feel that it somehow diminishes them, just as in some primitive cultures it is believed that if one takes a photographic portrait of somebody then one is stealing that person's soul. <i>(The Interview)</i>	
i.	What is the most likely reason some people consider the practice of interview to be an art? This could be because it requires- A. fluency of words. B. sensitive and careful handling. C. creativity and imagination. D. probing and focusing on details.	1
ii.	Rewrite the sentence by replacing the underlined phrase with its inference. Celebrities feel that an interview <u>diminishes them</u> .	1
iii.	On the basis of the extract, choose the correct option with reference to the two statements given below. (1) Celebrities don't consent to be interviewed. (2) Interviews intrude the privacy of celebrities. A. (1) Can be inferred from the extract but (2) cannot. B. (1) cannot be inferred from the extract but (2) can. C. (1) is true but (2) is false. D. (2) is the reason for (1).	1
iv.	Rationalise, to support the given opinion: To say that an interview, in its highest form, is a source of truth, is an extravagant claim.	1

v.	Replace the underlined word with its antonym from the extract. Some celebrities hate the idea of having to give an interview because it makes them feel like <u>supporters</u> .	1
vi.	The author's views on interview, in the extract, can best be described as statements based on_____. A. facts B. hypothesis C. beliefs D. superstitions	1
V	Answer ANY FIVE of the following in about 40-50 words each.	5*2=10
i.	"You realise the true value of a thing only on losing it." Comment on this statement in the light of the story, <i>The Last Lesson</i> .	2
ii.	State the common issue faced by most of the aged in the current times, with reference to the poem <i>My Mother at Sixty-six</i> .	2
iii.	What do we come to know about the author of <i>Lost Spring</i> , Anees Jung, through her interactions with Saheb and Mukesh?	2
iv.	Give two reasons why, according to Pablo Neruda, is 'keeping quiet' essential to attaining a better, more peaceful world. (<i>Keeping Quiet</i>)	2
v.	If the Christmas spirit is about selflessness, forgiveness and becoming 'better' versions of ourselves amongst other things, Edla Willmansson is the epitome of this spirit. Justify with two points of evidence from <i>The Rattrap</i> .	2
vi.	How can we say that marriage was a compromise for Aunt Jennifer? Support your response with two justifications. (<i>Aunt Jennifer's Tigers</i>)	2
VI	Answer ANY TWO of the following in about 40-50 words each.	2*2=4
i.	'It's easy to judge others and give advice, but much more difficult to apply it to ourselves.' Elaborate with reference to the character of Sam in <i>The Third Level</i> .	2
ii.	Comment on any one aspect of the writing style of the author, Kalki in <i>The Tiger King</i> .	2
iii.	How do we know that Dr. Sadao was conscientious as well as loyal? (<i>The Enemy</i>)	2
VII	Answer ANY ONE of the following in about 120-150 words.	1*5=5
i.	The prose selections, <i>Deep Water</i> and <i>Indigo</i> , bring out the importance of overcoming fear, in order to be able to lead our lives successfully. Imagine yourself to be a motivational speaker who has to address high school students. Write this address in 120 – 150 words elaborating on occurrences from the two texts to inspire your audience and to convince them about the importance of overcoming fear.	5

	<p>You may begin like this ... <i>Good morning, students!</i> <i>We all know what it's like to be afraid. Fear is our body's natural response to a perceived threat or danger.</i> <i>But when ...</i></p>	
OR		
ii.	<p><i>'Their mother sighed. Sophie watched her back stooped over the sink and wondered at the incongruity of the delicate bow which fastened her apron strings.'</i></p> <p>The prose selection, <i>Going Places</i> includes this telling comment about Sophie's mother. In <i>Aunt Jennifer's Tigers</i>, we are told that - <i>'The massive weight of Uncle's wedding band Sits heavily upon Aunt Jennifer's Hand.'</i></p> <p>Imagine a conversation between Sophie's mother and Aunt Jennifer. Create this exchange with reference to the two extracts given above.</p> <p>You may begin the conversation like this ... <i>Sophie's mother: Your embroidery is so beautiful. Do you love tigers?</i></p>	5
VIII	Answer ANY ONE of the following in about 120-150 words.	1*5=5
i.	<p>On returning home, Tishani Doshi writes her thoughts reflecting on how her decision to enrol for the <i>Students on Ice</i> programme has been the single most important decision of her life that has completely transformed her.</p> <p>Imagine yourself to be Tishani and express these thoughts.</p> <p>You may begin like this: <i>I can't thank my stars enough for having cashed in on the opportunity of.....</i></p>	
OR		
ii.	<p>Both Bama and Zitkala Sa experienced the harsh reality of discrimination in their childhood. Instead of letting it pull them down, they both found a way to overcome it. You wish to include a cameo* of both in your upcoming blog post.</p> <p>As a part of the research, compare and contrast the experiences faced by the two and their response/s to these experiences, in 120-150 words. [Clue: Include the similarities and differences in the discrimination they faced - their feelings - determination to overcome – success]</p> <p>*a short description that neatly encapsulates someone or something</p>	5

श्रीलंकालीन मुद्राकार्य

classmate

कक्षा - 11 वी,
दिनांक - 15/4/21

Date _____

Page _____

- ① प्रेमचंद की जीवनी लिखें (आता है)
- ② समाज (पत्र क्या है? किसे)
- ③ पत्रकारिता क्या है?

मार्ग शुभ ()
परीक्षार्थी - 15/4/21

के.वी.सी. आर. पी. एफ. मोकामाधार
शीलकालीन अवकाश गृह कार्य

विषय हिन्दी

कक्षा 9 अ

1. प्रेमचंद के फटे भूते पाठ के आधार पर प्रेमचंद के साधारण जीवन के बारे में लिखो।
2. कौड़ी और कौडिला कविता का विलम्ब व्याख्या करो।
3. राम जी, मेघ और कविता को ध्यानपूर्वक पढ़ो तथा प्रश्न उत्तर पाठ करेंगे।
4. बच्चे काग पर जा रहे कविता के आधार पर राजेश जोशी का विचार का वर्णन करो।
5. कोई दो संवाद लिखो।
6. दो श्लोक का स्वभाव बताओ।
7. कोई 20 शब्द मिलान उसका विलोम लिखो।
8. कोई वीस उपसर्ग, प्रत्यय वाला शब्द लिखो उससे मूल शब्द व उपसर्ग या प्रत्यय लिखो।

के. वी. सी. आर. पी. रूप. मोकाभाधर

श्रीतकालीन अवकाश गृहकार्य

कक्षा 10 अ, व.

विषय हिन्दी

1. सुखाम के पद, राम-लक्ष्मण परशुराम संवाद, इत्साह, अट नदी रही है, आत्मकथन आदि काव्य रचने के कवियों को व्यापकपूर्वक पढ़ लें। निरंतर अभ्यास करें।
2. कोई चार विज्ञापन लिखकर लाएं।
3. मित्र की जन्मदिन की बधाई संदेश लिखें।
4. गणतंत्र दिवस, होली व रक्षाबंधन पर अनुच्छेद लिखें।
5. दो औपचारिक व दो अनौपचारिक पत्र लिखें।
6. गद्य रचने के सभी अध्यायों को पढ़ें व प्रश्न-उत्तर भाग करें।
7. कक्षा समूह में लिए गए बिक से संपन्न पेपर का अभ्यास करें।
8. व्याकरण से अलंकार, वाक्य भेद, वाच्य व पद परिचय का निरंतर अभ्यास करें।

Holidays Homework (Winter Break 2022)

Class: IX

Subject: Science

- ① How will you separate a mixture of common salt, camphor, and iron filings. Describe the process.
- ② What are the major group of activities involved for improving of crop yields?
- ③ Describe the role played by the lysosomes. Why are these termed as suicidal bags?
- ④ Distinguish between work, energy and power. State the SI units of each of these quantities.
- ⑤ State the law of conservation of energy.
- ⑥ What are characteristic structural features of meristematic cells?
- ⑦ Write down the difference between isotopes and isobars.
- ⑧ Write a paragraph in your own words on each of the following:-
 - Ⓐ preparation of soil
 - Ⓑ Sowing
 - Ⓒ Weeding
 - Ⓓ Threshing.
- ⑨ The masses of scooter and bike are in the ratio of 2:3 but moving with same speed of 108 km/hr. Compute the ratio of their kinetic energy.
- ⑩ Explain the structure and function of Golgi bodies.

Kendriya Vidyalaya, R.P.F. Mokamaghal

Subject - Physics

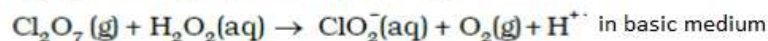
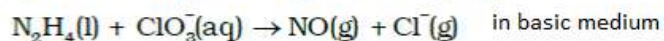
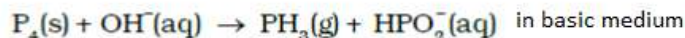
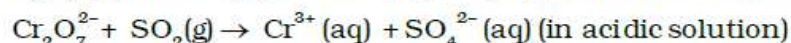
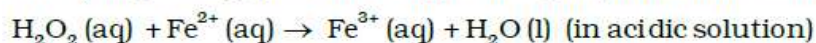
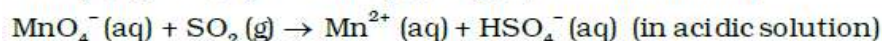
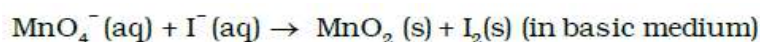
(Winter Vacation H.W.)

Class - XI A

- ① Complete the notes of chapters 5, 6, 7, 8, 9, 10.
- ② Complete the Exercise and Numerical for Example.
- ③ Complete the Practical in your Practical Copy
- ④ Revise the taught lessons
- ⑤ Practice for all Law and derivation for Next Exam.

WINTER BREAK HW: XI A , CHEMISTRY

1. The following concentrations were obtained for the formation of NH_3 from N_2 and H_2 at equilibrium at 500K. $[\text{N}_2] = 1.5 \times 10^{-2} \text{ M}$. $[\text{H}_2] = 3.0 \times 10^{-2} \text{ M}$ and $[\text{NH}_3] = 1.2 \times 10^{-2} \text{ M}$. Calculate equilibrium constant.
2. For the equilibrium, $2\text{NOCl}(\text{g}) \rightleftharpoons 2\text{NO}(\text{g}) + \text{Cl}_2(\text{g})$ the value of the equilibrium constant, K_c is 3.75×10^{-6} at 1069 K. Calculate the K_p for the reaction at this temperature?
3. What will be the conjugate bases for the following Brønsted acids: HF , H_2SO_4 and HCO_3^- ?
4. Write the conjugate acids for the following Brønsted bases: NH_2^- , NH_3 and HCOO^- .
5. Assign oxidation number to the underlined elements in each of the following species:
(a) $\text{NaH}_2\underline{\text{P}}\text{O}_4$ (b) $\text{NaH}\underline{\text{S}}\text{O}_4$ (c) $\text{H}_2\underline{\text{P}}_2\text{O}_7$ (d) $\text{K}_2\underline{\text{Mn}}\text{O}_4$
(e) $\text{Ca}\underline{\text{O}}_2$ (f) $\text{Na}\underline{\text{B}}\text{H}_4$ (g) $\text{H}_2\underline{\text{S}}_2\text{O}_7$ (h) $\text{KAl}(\underline{\text{S}}\text{O}_4)_2 \cdot 12\text{H}_2\text{O}$
6. Balance the following redox reactions:



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Winter Vacation H.W.

Subject- Biology

Class – XI 'A'

1. Complete the notes of chapter – 13 ,14, 17 and 18
2. Draw all the diagrams included in the chapters 13,14,17 and 18.
3. Complete the exercises of these four chapters.
4. Revise the taught lessons.
5. Complete the practicals in your practical copy.

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Class-XI Commerce

Winter Break-Holiday Homework (2022-23)

Subject-Accountancy-055

Assignment

1. Prepare theory of Depreciation along with Provision and reserve.
2. Solve 10 questions from NCERT of Depreciation.(Assets/Machinery Account, Provision for Dep. Account)
3. Solve 10 questions of journal entries.
4. Prepare GST and its journal entries.

Instructions:- (To be followed strictly)

If Illustration selected it should not exceed 5.

Solve all these problems in homework side of fair copy.

Do your work date-wise, you are free to select questions from NCERT Text book, Any other reference book as T.S.Grewal, D.K.Goel etc.

Preference should be given to previous year session ending exam. Questions of related topics, CBSE sample paper questions, Question asked in CA.

Project

Prepare a comprehensive project on project file.

1. Introduction page-(Name of school, address, contact no., website, Name of student, session, subject, topic etc.)
2. Certificate page
3. Acknowledgement page
4. Preface
5. Index
6. Body of project- What is project, general objective of preparing project, specific objective of preparing project, establish an imaginary business, prepare vouchers, select at least 20 different transactions on different dates, prepare ledger only.
7. Observation –SWOT analysis
8. Suggestion
9. Conclusion
10. Bibliography
11. Project evaluation
12. Thank you

Note :- Date of submission for Assignment and project is 10/01/2023.(First day on re-opening of vidyalaya after Winter Break)

Sunil Kumar Jaiswara
PGT.Comm.

Principal

Kendriya Vidyalaya CRPF, Mokamaghat

Class-XI Commerce

Winter Break -Holiday Homework (2022-23)

Subject-Business Studies-054

Assignment

1. Solve all questions given at the end of chapter-08 in NCERT text book.(Sources of fund)-(MCQ,VSAQ,SAQ and LAQ)
2. Prepare the chapter sources of fund.
3. **Solve at least 04 case studies from chapter -08 =Free to select from any source but preference should be given to CBSE sample paper or session ending exam. question paper.**
4. **Do not copy line by line from text book, try to use your own language.**

Instructions:- (To be followed strictly)

Solve all these problems in homework side of fair copy.

Do your work date-wise, you are free to select questions from NCERT Text book, Any other reference book as Sandeep garg, R.K.Singla, Poonam Gandhi etc.

Project

Prepare a project on project file on marketing. (Visit www.cbseacademic.nic.in.>curriculum>2022-23>Senior secondary>group-A>Business Studies)

*****Complete the project of Autumn break*****

1. Introduction page-(Name of school, address, contact no., website, Name of student, session, subject, topic etc.)
2. Certificate page
3. Acknowledgement page
4. Preface
5. Index
6. Body of project- What is project, general objective of preparing project, specific objective of preparing project, why selected this project, Information about topic, market in local area, India and worldwide, estimated market value, market position, sales position ,competitor, strategy to increase sales and market share, use bar diagram, pie chart etc.
7. Observation –SWOT analysis
8. Suggestion
9. Conclusion
10. Bibliography
11. Project evaluation
12. Thank you

Note :- Date of submission for Assignment and project is 10/01/2023.(First day on re-opening of vidyalaya after winter Break)

Sunil Kumar Jaiswara
PGT.Comm.

Principal

Kendriya Vidyalaya CRPF, Mokamaghat

Class-XII Commerce

Winter Break-Holiday Homework (2022-23)

Subject-Accountancy-055

Assignment

1. Solve CBSE sample paper 2022-23 published by CBSE.
2. Solve any other 10 sample papers.
3. Solve question paper of Pre-board first.
4. Prepare theoretical portion of company account-concept, features, type of shares, type of preference shares etc.

Instructions:- (To be followed strictly)

Solve all these problems in homework side of fair copy, if no space left then use a separate copy.

Do your work date-wise, you are free to select questions from NCERT Text book, Any other reference book as T.S.Grewal, D.K.Goel etc.

Project

Prepare a comprehensive project on project file.

1. Introduction page-(Name of school, address, contact no., website, Name of student, session, subject, topic etc.)
2. Certificate page
3. Acknowledgement page
4. Preface
5. Index
6. Body of project- What is project, general objective of preparing project, specific objective of preparing project, establish an imaginary business, prepare vouchers, select at least 20 different transactions on different dates, prepare ledger, prepare trial balance, assume any 5 adjustment along with value of closing stock. prepare financial statement.
7. Observation –SWOT analysis
8. Suggestion
9. Conclusion
10. Bibliography
11. Project evaluation
12. Thank you

(If comprehensive project prepared during summer vacation, do review of project.)

Note :- Date of submission for Assignment and project is 10/01/2023.(First day on re-opening of vidyalaya after winter Break)

Sunil Kumar Jaiswara
PGT.Comm.

Principal

Kendriya Vidyalaya CRPF, Mokamaghat

**Class-XII Commerce
Winter Break -Holiday Homework (2022-23)
Subject-Business Studies-054**

Assignment

1. Solve sample paper published by CBSE 2022-23 available on website www.cbseacademic.nic.in
2. Solve 10 sample papers of CBSE.
3. **Solve at least 05 case studies each from chapter -01 to 012 (total =60) =Free to select from any source but preference should be given to CBSE sample paper or board question paper.**
4. **Do not copy line by line from text book, try to use your own language.**

Instructions:- (To be followed strictly)

Solve all these problems in homework side of fair copy,if no space left then use a separate copy.

Do your work date-wise, you are free to select questions from NCERT Text book, Any other reference book as Sandeep garg, R.K.Singla, Poonam Gandhi etc.

Project

Prepare a project on project file on marketing. (Visit www.cbseacademic.nic.in.>curriculum>2022-23>Senior secondary>group-A>Business Studies)

1. Introduction page-(Name of school, address, contact no., website, Name of student, session, subject, topic etc.)
2. Certificate page
3. Acknowledgement page
4. Preface
5. Index
6. Body of project- What is project, general objective of preparing project, specific objective of preparing project, why selected this project, select a product from product list there, take 5 competitive brands, collect required information, sales in India and worldwide, estimated market, market position, sales position ,competitor, strategy to increase sales and market share, use bar diagram, pie chart etc.
7. Observation –SWOT analysis
8. Suggestion
9. Conclusion
10. Bibliography
11. Project evaluation
12. Thank you

(If comprehensive project prepared during summer vacation/Autumn break, do review of project.It should be in final mode and ready for submission during practical exam.)

Note :- Date of submission for Assignment and project is 10/01/2023.(First day on re-opening of vidyalaya after winter Break)

Sunil Kumar Jaiswara
PGT.Comm.

Principal

शीतावकाश गृहकार्य ,2022-23 , कक्षा नवमी एवं दशमी

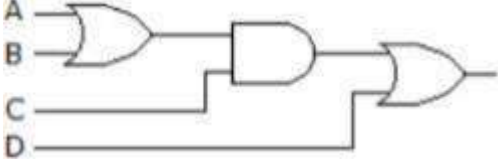
1. बोर्ड पैटर्न पर आधारित तीन सेट प्रश्न पत्र का अभ्यास संस्कृत उत्तर पुस्तिका में करना।
2. संस्कृत अनुवाद प्रत्येक दिन कम से कम 10 (दश) वाक्य बनाना है।
3. अपठित अवबोधम्, पत्र लेखम् , चित्र वर्णनम् , एवं व्याकरण का अभ्यास संस्कृत उत्तर पुस्तिका में करना।
4. सिलेबस के अनुसार शब्द रूप और धातु रूप याद कर लिखना है।

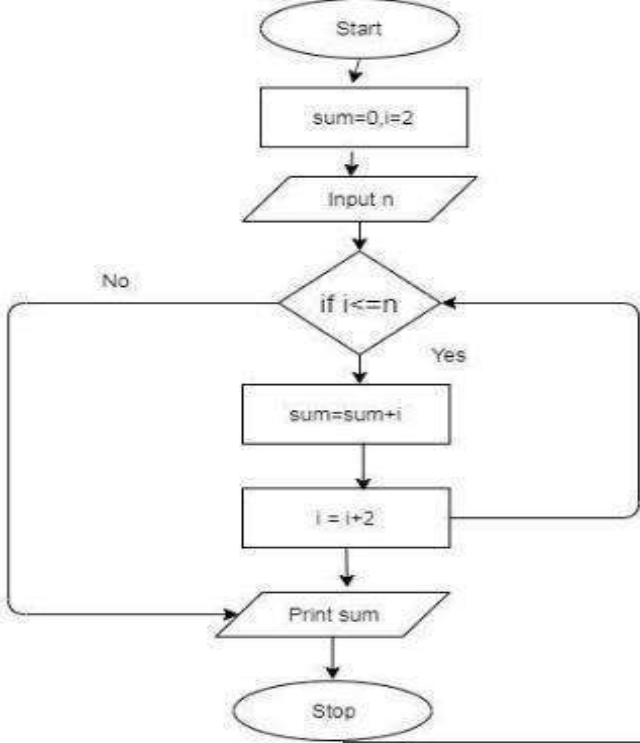
KENDRIYA VIDYALAYA CRPF MOKAMAGHAT

**Subject: Computer Science (Code-083)
WINTER BREAK ASSIGNMENTS 2022-23**

ATTEMPT ANY 25 :

1	It is a type of system software that translate and execute the instructions line-by-line: A. Object Code B. Assembler C. Compiler D. Interpreter																										
2	Antivirus is an example of; A. Packages B. Utilities Software C. Customized Software D. Developer Tool																										
3	A Joystick is: A. Input device B. Output device C. Memory D. All of these																										
4	Name the input or output device used to do the following: P) To audio output Q) To enter textual data R) To build 3-D model S) To make hard copy of a text <table border="1" data-bbox="225 902 896 1137"><thead><tr><th></th><th>P</th><th>Q</th><th>R</th><th>S</th></tr></thead><tbody><tr><td>A.</td><td>Keyboard</td><td>Speaker</td><td>Printer</td><td>3D Printer</td></tr><tr><td>B.</td><td>Keyboard</td><td>Speaker</td><td>3D Printer</td><td>Printer</td></tr><tr><td>C.</td><td>Speaker</td><td>Keyboard</td><td>3D Printer</td><td>Printer</td></tr><tr><td>D.</td><td>Speaker</td><td>Keyboard</td><td>Printer</td><td>3D Printer</td></tr></tbody></table>		P	Q	R	S	A.	Keyboard	Speaker	Printer	3D Printer	B.	Keyboard	Speaker	3D Printer	Printer	C.	Speaker	Keyboard	3D Printer	Printer	D.	Speaker	Keyboard	Printer	3D Printer	
	P	Q	R	S																							
A.	Keyboard	Speaker	Printer	3D Printer																							
B.	Keyboard	Speaker	3D Printer	Printer																							
C.	Speaker	Keyboard	3D Printer	Printer																							
D.	Speaker	Keyboard	Printer	3D Printer																							
5	Identify the category of Ubuntu software: A. System software B. Application software C. Programming tool D. None of these																										
6	The part of computer system which perform arithmetic and logical operations is called: A. Control B. ALU C. Register D. Cache Memory																										
7	Which of these is not an operating system? A. Windows B. DOS C. Linux D. Oracle																										
8	_____ is a system software that acts as an interface between the user and the machine A. MS Word System B. Compiler C. Assembler D. Operating																										

9	<p>The given Truth Table shows which gate?</p> <table border="1" data-bbox="172 190 443 414"> <thead> <tr> <th>A</th> <th>B</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> </tr> <tr> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td>1</td> <td>1</td> <td>0</td> </tr> </tbody> </table> <p>A. NOR B. NAND C. OR D. XNOR</p>	A	B	F	0	0	1	0	1	1	1	0	1	1	1	0	
A	B	F															
0	0	1															
0	1	1															
1	0	1															
1	1	0															
10	<p>The Truth Table for the expression $AB+B'C$ has how many input combinations?</p> <p>A. 2 B. 1 C. 8 D. 4</p>																
11	<p>Drive the Boolean expression for the logic circuit shown below:</p>  <p>A. $CA + CB + CD$ B. $C(A+B)D'$ C. $C(A+B) + D$ D. $CA + CB + D$</p>																
12	<p>Hexadecimal value of $(01001001)_2$ is:</p> <p>A. 47 B. 49 C. 48 D. 50</p>																
13.	<p>Octal value of $(22)_{10}$ is:</p> <p>A. $(72)_8$ B. $(27)_8$ C. $(62)_8$ D. $(26)_8$</p>																
14.	<p>$(10101.01)_2$ in Decimal is:</p> <p>A. 21.50 B. 20.3125 C. 20.50 D. 21.25</p>																
15.	<p>ASCII stands for:</p> <p>A. American Standard Code of Information Interchange B. American Standard Code for Information Interchange C. American Standard Code for Interchange of Information D. American Standard Code for Informational Interchange</p>																
16.	<p>ASCII Value of N is:</p> <p>A. 79 B. 110 C. 77 D. 78</p>																
17.	<p>The diagrammatic representation of a programming language, is known a _____.</p> <p>A. Pseudo-Code B. Program C. Flow-Chart D. Syntax</p>																
18.	<p>What type of error is returned by the following statement?</p> <pre>def abc(a): print(a)</pre> <p>A. <code>TypeError</code> B. <code>IndentationError</code> C. <code>SpaceError</code> D. No error in the given statement</p>																
19.	<p>Which of the following logic is used to produce loops in python programming when one or more instructions need to be executed several times depending on some condition</p> <p>A. Iteration B. Selection C. Sequence D. Decision</p>																
20.	<p>Who developed the Python language?</p> <p>A. Guido van Rossum B. Niene Stom C. Wick van Rossum D. James Thomas</p>																
21.	<p>Which of the following is not a valid identifier?</p> <p>A. Sum B. 1sum C. sum_marks D. _sum</p>																

22	<p>Which of the following functions is a built-in function in python language? A. val() B. print() C.fact() D.None of these</p>	
23	<p>Which line of code produces an error? A. "one" + 'two' B. 1+ 2 C. "one"+ "2" D. '1' + 2</p>	
24	<p>What will be the data type of the following variable? A = '101' A. Integer B.String C. Float D. None of the above</p>	
25	<p>Which of the following is not correct ways to represent a string literal inpython : A.\Monish\ B."Monish" C. Monish' D."Monish'</p>	
26	 <pre> graph TD Start([Start]) --> Init[sum=0, i=2] Init --> Input[/Input n/] Input --> Decision{if i <= n} Decision -- Yes --> SumAdd[sum=sum+i] SumAdd --> IncI[i=i+2] IncI --> Decision Decision -- No --> Print[/Print sum/] Print --> Stop([Stop]) </pre> <p>What will be the output of this flowchart if, value of n =10 A. 32 B. 30 C. 28 D None of these</p>	
27	<p>The type of error which can be identified by compiler/interpreter is: A. Run-time error B. Syntax error C. Logical error D. None of these</p>	
28	<p>Identify the lines that have syntax error in the following code snippet: 1 N=23 2 for I in range (0,N) 3 if N%2=0: 4 print(N*2) 5 elif N%3==0: 6 print(N*3) 7 Else 8 print(N)</p> <p>A. 2,3 only B. 3,5,7 only C. 2,3,7 only D. 3,7 only</p>	
29	<p>Which of the following operators is the correct option for calculating a^b ? A. a ^ b B.a**b C. a ^^ b D.a ^ * b</p>	

30	<p>Choose correct option :</p> <p>X=5 print(X==5)</p> <p>Statement 1: Output of above python code is True. Statement 2: '=' operator represents Assignment operator.</p> <p>A. Only Statement 1 is true. B. Only Statement 2 is true. C. Both Statement 1 and 2 are true, but Statement 2 is not correct reasoning of Statement 1. D. Both Statement 1 and 2 are true, but Statement 2 is correct reasoning of Statement 1.</p>	
31	<p>The operator used to check if both the operands reference the same object memory, is the _____ operator.</p> <p>A. In B. is C. id D. ==</p>	
32	<p>Which of the following is an invalid statement?</p> <p>A. abc = 1000 B. a b c = 1000 2000 3000 C. a,b,c = 1000, 2000, 3000 D. a_b_c = 1000</p>	
33	<p>What is the output of this expression, 3*1**3?</p> <p>1 B. 27 C. 9 D. 3</p>	
34	<p>What is the value of x ?</p> <p>x = int (13.25 +4/2)</p> <p>A. 17 B. 14 C. 15 D. 23</p>	
35	<p>Which of following is not a decision-making statement.</p> <p>A. if-elif statement B. for statement C. if -else statement D. if statement</p>	
36	<p>What keyword would you use to add an alternative condition to an if statement?</p> <p>.A else if B elseif C. elif D. None of the above</p>	
37	<p>What will be the output for i in (1,2,3):</p> <pre>print("@" * i)</pre> <p>A. Error B. @@@@ @ C. @ @ @ @ @ @ D. @</p> <p style="text-align: right;">@ @ @ @ @</p>	
38	<p>What does the following code print to console.</p> <pre>if True: print(1001) else: print(2002)</pre> <p>A. 1001 B.true C.2002 D. false</p>	
39	<p>What will be the output of the following Python code?</p> <pre>if 4+5==10: print("TRUE") else: print("FALSE") print ("True")</pre> <p>A. FALSE B. TRUE C. FALSE D. NONE</p>	

40	<p>What will be the output of following code:</p> <pre>X=123 for i in X: print(i)</pre> <p>A. 123 B. 1 2 3 C. 1 D. Error</p> <p style="text-align: center;">2 3</p>	
41	<p>What will be the output of following Python code:</p> <pre>Y='pqrs' for k in range(len(Y)): print(k)</pre> <p>A. p q r s B. error C. 0 1 2 3 D. 1234</p>	
42	<pre>X="Hello world" for I in X: print(I, end='')</pre> <p>A Hello world B. HelloWorld C. Helloworld D. H e l l o w o r l d</p>	
43	<p>Which of these will give 'Simon' as output:</p> <p>If str1="John, Simon, Aryan"</p> <p>A. print(str1[-7:-12]) B. print(str1[-11:-7]) C. print(str1[-12:-7]) D. print(str1[-7:-11])</p>	
44	<p>Which of the following will return the first three characters of a string s</p> <p>A. s[3:] B. s[:3] C. s[-3:] D. s[:-3]</p>	
45	<p>Consider the following code segment:</p> <pre>for i in range (8,4,-2): print (i, end=" ")</pre> <p>What values(s) are printed when it executes?</p> <p>a) 8 7 6 5 4 b) 8 7 6 5 8 6 4 c) 8 6 4 8 6 d) 8 6</p>	
46	<p>Write the output of the following.</p> <pre>str = "Welcome" str[2] = 'a' print(str)</pre> <p>A. Weacome B. Error C. aWelcome D. Welcomea</p>	
47	<p>What is the index value of 'i' in string "Learning"</p> <p>A. 5 B. 3 C. 6 D. 7</p>	
48	<p>Consider the following string myAddress:</p> <pre>mySubject = "Computer Science"</pre> <p>What will be the output of the following string operations :</p> <pre>print(2*mySubject)</pre> <p>A. "Computer Science Computer Science" B. "Computer ScienceComputer Science" C. Error D. None of these</p>	

49	<p>Choose correct option : X=True Y='true'</p> <p>Statement 1: Data type of X is Boolean and Data Type of Y is String. Statement 2: Boolean variable can have only True or False as value</p> <p>A. Only Statement 1 is true. B. Only Statement 2 is true. C. Both Statement 1 and 2 are true, but Statement 2 is not correct reason of Statement 1. D. Both Statement 1 and 2 are true, but Statement 2 is correct reasoning of Statement 1.</p>	
	<p>Krishnav is looking for his dream job but has some restrictions. He loves Delhi and would take a job there if he is paid over Rs.40,000 a month. He hates Chennai and demands at least Rs. 1,00,000 to work there. In any another location he is willing to work for Rs. 60,000 a month. The following code shows his basic strategy for evaluating a job offer.</p> <p>Code:</p> <pre> pay=_____ location=_____ if location == "Mumbai": print ("I'll take it!") #Statement 1 elif location == "Chennai": if pay < 100000: print ("No way") #Statement 2 else: print("I am willing!") #Statement 3 elif location == "Delhi" and pay > 40000: print("I am happy to join") #Statement 4 elif pay > 60000: print("I accept the offer") #Statement 5 else: print("No thanks, I can find something better")#Statement 6 </pre> <p>On the basis of the above code, choose the right statement which will be executed when different inputs for pay and location are given.</p>	
50	<p>Input: location = "Chennai", pay = 50000</p> <p>a. Statement 1 b. Statement 2 c. Statement 3 d. Statement 4</p>	
51	<p>Input: location = "Surat", pay = 50000</p> <p>a. Statement 2 b. Statement 4 c. Statement 5 d. Statement 6</p>	
52	<p>Input- location = "Any Other City", pay = 100000</p> <p>a Statement 1 b. Statement 2 c. Statement 5 d. Statement 6</p>	
53	<p>Input location = "Delhi", pay = 500000</p> <p>a. Statement 6 b. Statement 5 c. Statement 4 d. Statement 3</p>	
54	<p>Input- location = "Lucknow", pay = 65000</p> <p>a. Statement 2 b. Statement 3 c. Statement 4 d. Statement 5</p>	
55	<p>Which control structure is used in above code:</p> <p>A. Iteration B. Decision C. Sequence D. None of these</p>	

KENDRIYA VIDYALAYA CRPF MOKAMAGHAT

Subject: Computer Science (Code-083)
WINTER BREAK ASSIGNMENTS 2022-23

CLASS XII

ATTEMPT ANY 25 :

File Handling || Multiple Choice Questions || Class 12

1. To open a file c:\test.txt for reading, we should give the statement:

- (a) file1 = open("c:\ test.txt", "r")
- (b) file1 = open("c:\\ test.txt", "r")
- (c) file = open(file = "c:\ test.txt", "r")
- (d) file1 = open(file = "c:\\s test.txt", "r")

2. To open a file c:\ test.txt for writing, we should use the statement:

- (a) fobj = open("c:\test.txt", "w")
- (b) fobj = open("c:\\ test.txt", "w")
- (c) fobj = open(file = "c:\ test.txt", "w")
- (d) fobj = open(file = "c:\\ test.txt", "w")

3. To open a file c:\ test.txt for appending data, we can give the statement:

- (a) fobj = open("c:\\ test.txt", "a")
- (b) fobj = open("c:\\ test.txt", "rw")
- (c) fobj = open(file = "c:\test.txt", "w")
- (d) fobj = open(file = "c:\\ test.txt", "w")

4. Which of the following statements is/are true?

- (a) When you open a file for reading, if the file does not exist, an error occurs.
- (b) When you open a file for writing, if the file does not exist, a new file is created.
- (c) When you open a file for writing, if the file exists, the existing file is overwritten with the new file.
- (d) All of the above.

5. To read two characters from a file object from, the command should be:

- (a) `fobj.read(2)`
- (b) `fobj.read()`
- (c) `fobj.readline()`
- (d) `fobj.readlines()`

6. To read the entire contents of the file as a string from a file object `fobj`, the command should be:

- (a) `fobj.read(2)`
- (b) `fobj.read()`
- (c) `fobj.readline()`
- (d) `fobj.readlines()`

7. What will be the output of the following snippet?

```
f = None
for i in range (5):
    with open ("data.txt", "W") as f:

        if i > 2:
            break
print (f.closed)
```

- (a) True
- (b) False
- (c) None
- (d) Error

8. To read the next line of the file from a file object `fobj`, we use:

- (a) `fobj.read(2)`
- (b) `fobj.read()`
- (c) `fobj.readline()`
- (d) `fobj.readlines()`

9. To read the remaining lines of the file from a file object fobj, we use:

- (a) fobj.read(2)
- (b) fobj.read()
- (c) fobj.readline()
- (d) fobj.readlines

10. The readlines() method returns:

- (a) String
- (b) A list of integers
- (c) A list of single characters
- (d) A list of lines

11. Which module is required to use the built-in function dump()?

- (a) math
- (b) flush
- (c) pickle
- (d) unpickle

12. Which of the following functions is used to write data in the binary mode?

- (a) write
- (b) output
- (c) dump
- (d) send

13. Which is/are the basic I/O (input-output) stream(s) in file?

- (a) Standard Input
- (b) Standard Output
- (c) Standard Errors
- (d) All of the above

14. Which of the following is the correct syntax of file.writelines()?

- (a) file.writelines(sequence)
- (b) fobj.writelines()
- (c) fobj.writelines(sequence)
- (d) fobj.writeline()

15. In file handling, what do the terms "r" and "a" stand for?

- (a) read, append
- (b) append, read
- (iii) write, append
- (d) None of the above

16. Which of the following is not a valid mode to open a file?

- (a) ab
- (b) rw
- (c) r+
- (d) w+

17. Which statement is used to change the file position to an offset value from the start?

- (a) `fp.seek(offset, 0)`
- (b) `fp.seek(offset, 1)`
- (c) `fp.seek(offset, 2)`
- (d) None of the above

18. The difference between r+ and w+ modes is expressed as?

- (a) No difference
- (b) In r+ mode, the pointer is initially placed at the beginning of the file and the pointer is at the end for w+
- (c) In w+ mode, the pointer is initially placed at the beginning of the file and the pointer is at the end for r+
- (d) Depends on the operating system

19. What does CSV stand for?

- (a) Cursor Separated Variables
- (b) Comma Separated Values
- (c) Cursor Separated Values
- (d) Cursor Separated Version

20. Which module is used for working with CSV files in Python?

- (a) random
- (b) statistics
- (c) csv
- (d) math

21. Which of the following modes is used for both writing and reading from a binary file?

- (a) wb+
- (b) w
- (c) wb
- (d) w+

22. Which statement is used to retrieve the current position within the file?

- (a) fp.seek()
- (b) fp.tell()
- (c) fp.loc
- (d) fp.pos

23. What happens if no arguments are passed to the seek() method?

- (a) file position is set to the start of file
- (b) file position is set to the end of file
- (c) file position remains unchanged
- (d) results in an error

24. Which of the following modes will refer to binary data?

- (a) r
- (b) w
- (c) +
- (d) b

25. Every record in a CSV file is stored in reader object in the form of a list using which method?

- (a) writer()
- (b) append()
- (c) reader()
- (d) list()

26. Information stored on a storage device with a specific name is called a _____.

- (a) array
- (b) dictionary
- (c) file
- (d) tuple

27. Which of the following format of files can be created programmatically through Python to some data?

- (a) Data files
- (b) Text files
- (c) Video files
- (d) Binary files

28. To open a file `c:\ss.txt` for appending data, we use

- (a) `file = open("c:\ss.txt", "a")`
- (b) `file = open("c:\ss.txt", "rw")`
- (c) `file = open(r"c\ss.txt", "a")`
- (d) `file = open(file = "c:\ss.txt", "w")`
- (e) `file = open(file = "c\ss.txt", "w")`
- (f) `file = open("c\ res.txt")`

29. To read the next line of the file from a file object `infi`, we use

- (a) `infi.read(all)`
- (b) `infi.read()`
- (c) `infi.readline()`
- (d) `infi.readlines()`

30. To read the remaining lines of the file from a file object `infi`, we use

- (a) `infi.read(all)`
- (b) `infi.read()`
- (c) `infi.readline()`
- (d) `infi.readlines()`

31. The `readlines()` method returns

- (a) `str`
- (b) a list of lines
- (c) a list of single characters
- (d) a list of integers

32. Which of the following mode will refer to binary data?

- (a) `r`
- (b) `w`
- (c) `+`
- (d) `b`

33. In file handling, what does this term means "r, a"?

- (a) read, append
- (b) append, read
- (c) all of the mentioned
- (d) none of these

34. Which function is used to read all the characters?

- (a) read()
- (b) read characters()
- (c) readall()
- (d) readchar()

35. Which function is used to read single line from file?

- (a) readline()
- (b) readlines()
- (c) readstatement()
- (d) readfullline()

36. Which function is used to write all the characters?

- (a) write()
- (b) writecharacters()
- (c) writeall()
- (d) writechar()

37. Which function is used to write a list of strings in a file?

- (a) writeline()
- (b) writelines()
- (c) writestatement()
- (d) writefullline()

38. Which of the following is modes of both writing and reading in binary format in file?

- (a) wb+
- (b) w
- (c) wb
- (d) w+

39. Which of the following is not a valid mode to open a file?

- (a) ab
- (b) rw
- (c) r+
- (d) w+

40. What is the difference between r+ and w+ modes?

- (a) No difference.
- (b) In r+ mode, the pointer is initially placed at the beginning of the file and for w+, the pointer is placed at the end.
- (c) In w+ mode, the pointer is initially placed at the beginning of the file and for r+, the pointer is placed at the end.
- (d) Depends on the operating system.

Answers:

- 1. b
- 2. b
- 3. a
- 4. d
- 5. a
- 6. b
- 7. a
- 8. c
- 9. d
- 10. d
- 11. c
- 12. c
- 13. d
- 14. c
- 15. a
- 16. b
- 17. a
- 18. b
- 19. b
- 20. c
- 21. a
- 22. b
- 23. d

- 24. d
- 25. c
- 26. c
- 27. b, d
- 28. a, c
- 29. c
- 30. d
- 31. b
- 32. d
- 33. a
- 34. a
- 35. a
- 36. a
- 37. b
- 38. a
- 39. b
- 40. b

Function || Multiple Choice Questions || Class 12

1. A function in Python begins with which keyword?

- (a) void
- (b) return
- (c) int
- (d) def

2. Name the statement that sends back a value from a function.

- (a) print
- (b) input
- (c) return
- (d) None

3. Functions that do not return any value are known as:

- (a) fruitful functions
- (b) void functions
- (c) library functions
- (d) user-defined functions

4. A variable created or defined within a function body is classified as:

- (a) local
- (b) global
- (c) built-in
- (d) instance

5. Which of the following arguments works with implicit values that are used if no value is provided?

- (a) keyword
- (b) required
- (c) variable-length
- (d) default

6. Which values are used by the functions to communicate information back to the caller?

- (a) local
- (b) global
- (c) return
- (d) random

7. What is the output of the program given below?

```
x = 50
def func (x) :
    x = 2
func (x)
print ('x is now', x)
```

- (a) x is now 50
- (b) x is now 2
- (c) x is now 100
- (d) Error

8. Which is the most appropriate definition for recursion?

- (a) A function that calls itself
- (b) A function execution instance that calls another execution instance of the same function
- (c) A class method that calls another class method
- (d) An in-built method that is automatically called

9. Fill in the line of code for calculating the factorial of a number:

```
def fact (num):  
    if num == 0 :  
        return 1  
else:  
    return
```

- (a) num*fact(num-1)
- (b) (num-1)*(num-2)
- (c) num*(num-1)
- (d) fact(num)*fact(num-1)

10. Which of the following statements is false about recursion?

- (a) Every recursive function must have a base case.
- (b) Infinite recursion can occur if the base case isn't properly mentioned.
- (c) A recursive function makes the code easier to understand.
- (d) Every recursive function must have a return value.

11. What is the output of the following snippet?

```
def fun (n):  
    if (n > 100):  
        return n - 5  
    return fun (fun (n+11))  
print (fun (45))
```

- (a) 50
- (b) 100
- (c) 74
- (d) Infinite loop

12. What happens if the base condition isn't defined in recursive programs?

- (a) Program gets into an infinite loop
- (b) Program runs once
- (c) Program runs n number of times, where n is the argument given to the function
- (d) An exception is thrown

13. What is the default return value for a function that does not return any value explicitly?

- (a) None
- (b) int

- (c) double
- (d) null

14. Which of the following items are present in the function header?

- (a) function name only
- (b) both function name and parameter list
- (c) parameter list only
- (d) return value

15. Which of the following keywords marks the beginning of the function block?

- (a) func
- (b) define
- (c) def
- (d) function

16. What is the name given to that area of memory, where the system stores the parameters and local variables of a function call?

- (a) a heap
- (b) storage area
- (c) a stack
- (d) an array

17. Pick one the following statements to correctly complete the function body in the given code snippet.

```
def f(number):  
    # Missing function body  
print(f(5))
```

- (a) return "number"
- (b) print(number)
- (c) print("number")
- (d) return number

18. Which of the following function headers is correct?

- (a) def f(a = 1, b):
- (b) def f(a = 1, b, c = 2):
- (c) def f(a = 1, b = 1, c = 2):
- (d) def f(a = 1, b = 1, c = 2, d):

19. Which of the following statements is not true for parameter passing to functions?

- (a) You can pass positional arguments in any order.
- (b) You can pass keyword arguments in any order.
- (c) You can call a function with positional and keyword arguments.
- (d) Positional arguments must be before keyword arguments in a function call.

20. Which of the following function calls can be used to invoke the below function definition?

```
def test(a, b, c, d)
```

- (a) test(1, 2, 3, 4)
- (b) test(a = 1, 2, 3, 4)
- (c) test(a = 1, b = 2, c = 3, 4)
- (d) test(a = 1, b = 2, c = 3, d = 4)

21. Which of the following function calls will cause Error while invoking the below function definition?

```
def test(a, b, c, d)
```

- (a) test(1, 2, 3, 4)
- (b) test(a = 1, 2, 3, 4)
- (c) test(a = 1, b = 2, c = 3, 4)
- (d) test(a = 1, b = 2, c = 3, d = 4)

22. What is a variable defined outside all the functions referred to as?

- (a) A static variable
- (b) A global variable
- (c) A local variable
- (d) An automatic variable

23. What is a variable defined inside a function referred to as

- (a) A static variable
- (b) A global variable
- (c) A local variable
- (d) An automatic variable

24. Carefully observe the code and give the answer.

```
def function1(a):
```

```
a = a + '1'  
    a = a * 2  
>>> function1("hello")
```

- (a) indentation Error
- (b) cannot perform mathematical operation on strings
- (c) hello2
- (d) hello2hello2

25. What is the result of this code?

```
def print_double(x):  
    print(2 ** x)  
print_double(3)
```

- (a) 8
- (b) 6
- (c) 4
- (d) 10

26. What is the order of resolving scope of a name in a Python program?

(L: Local namespace, E : Enclosing namespace, B: Built-In Namespace, G: Global namespace)

- (a) BGEL
- (b) LEGB
- (c) GEBL
- (d) LBEG

27. Which of the given argument types can be skipped from a function call?

- (a) positional arguments
- (b) keyword arguments
- (c) named arguments
- (d) default arguments

Answer =

1. d
2. c
3. b
4. a
5. d
6. c

- 7. a
- 8. b
- 9. a
- 10. d
- 11. b
- 12. a
- 13. a
- 14. b
- 15. c
- 16. c
- 17. d
- 18. c
- 19. a
- 20. a, d
- 21. b, c
- 22. b
- 23. c
- 24. a
- 25. a
- 26. b
- 27. d

Python revision Tour || Multiple Choice Questions || Class 12

1. Which of the following is an invalid variable?

- (a) my_day_2
- (b) 2nd_day
- (c) Day_two
- (d) _2

2. Which of the following is not a keyword?

- (a) eval
- (b) assert
- (c) nonlocal
- (d) pass

3. Which of the following cannot be a variable?

- (a) __init__
- (b) in

- (c) it
- (d) on

4. Which of these is not a core data type?

- (a) Lists
- (b) Dictionary
- (c) Tuples
- (d) Class

5. How would you write x^y in Python as an expression?

- (a) x^y
- (b) $x^{**}y$
- (c) $x^{^^}y$
- (d) none of these

6. What will be the value of the expression?

$14 + 13 \% 15$

- (a) 14
- (b) 27
- (c) 12
- (d) 0

7. Evaluate the expression given below if $A = 16$ and $B = 15$.

$A\%B//A$

- (a) 0.0
- (b) 0
- (c) 1.0
- (d) 1

8. What is the value of x?

$x = \text{int}(13.25 \ 4/2)$

- (a) 17
- (b) 14
- (c) 15
- (d) 23

9. The expression $8/4/2$ will evaluate equivalent to which of the following expressions:

- (a) $8/(4/2)$
- (b) $(8/4)/2$

10. Which among the following list of operators has the highest precedence?

$+, -, **, \%, /, \ll, \gg, |$

- (a) \ll, \gg
- (b) $**$
- (c) $|$
- (d) $\%$

11. Which of the following expressions results in an error?

- (a) `float('12')`
- (b) `int('12')`
- (c) `float('12.5')`
- (d) `int('12.5')`

12. Which of the following statement prints the shown output below?

`hello\example\test.txt`

- (a) `print("hello\example\test.txt")`
- (b) `print("hello\\example\\test.txt")`
- (c) `print("hello\"example \"test.txt")`
- (d) `print("hello\"example\"test.txt")`

13. Which value type does `input()` return?

- (a) Boolean
- (b) String
- (c) Int
- (d) Float

14. Which two operators can be used on numeric values in Python?

- (a) `@`
- (b) `%`

- (c) +
- (d) #

15. Which of the following four code fragments will yield following output?

```
Eina
Mina
Dika
```

Select all of the function calls that result in this output

- (a)

```
print("""Eina
\nMina
\nDika""")
```
- (b)

```
print("EinaMinaDika")
```
- (c)

```
print('Eina\nMina\nDika')
```
- (d)

```
print('Eina
Mina
Dika')
```

16. Which of the following is valid arithmetic operator in Python:

- (a) //
- (b) ?
- (c) <
- (d) and

17. The numbered position of a letter in a string is called _____.

- (a) position
- (b) integer position
- (c) index
- (d) location

18. The operator _____ tells if an element is present in a sequence or not.

- (a) exists
- (b) in
- (c) into
- (d) inside

19. The keys of a dictionary must be of _____ types.

- (a) Integer
- (b) mutable
- (c) immutable
- (d) any of these

20. Following set of commands is executed in shell, what will be the output?

```
>>>str = "hello"  
>>>str[:2]  
>>>
```

- (a) he
- (b) lo
- (c) olleh
- (d) hello

21. What data type is the object below?

```
L = [1, 23, 'hello', 1]
```

- (a) list
- (b) dictionary
- (c) array
- (d) tuple

22. What data type is the object below?

```
L = 1, 23, 'hello', 1
```

- (a) list
- (b) dictionary
- (c) array
- (d) tuple

23. To store values in terms of key and value, what core data type does Python provide?

- (a) list
- (b) tuple
- (c) class
- (d) dictionary

24. What is the value of the following expression?

`3 + 3.00, 3**3.0`

- (a) (6.0, 27.0)
- (b) (6.0, 9.00)
- (c) (6, 27)
- (d) [6.0, 27.0]
- (e) [6, 27]

25. List AL is defined as follows:

`AL = [1, 2, 3, 4, 5]`

Which of the following statements removes the middle element 3 from it so that the list AL equal [1, 2, 4, 5]?

- (a) `del a[2]`
- (b) `a[2 : 3] = []`
- (c) `a[2:2] = []`
- (d) `a[2] = []`
- (e) `a.remove(3)`

26. Which two lines of code are valid strings in Python?

- (a) This is a string
- (b) 'This is a string'
- (c) (This is a string)
- (d) "This is a string"

27. You have the following code segment:

```
String1 = "my"  
String2 = "work"  
print(String1 + string2)
```

What is the output of this code?

- (a) my work
- (b) work
- (c) mywork
- (d) my

28. You have the following code segment


```
String1 = "my"  
String2 = "work"  
print(String1 + string2.upper())
```

What is the output of this code?

- (a) mywork
- (b) MY Work
- (c) myWORK
- (d) My Work

29. Which line of code produces an error?

- (a) "one" + 'two'
- (b) 1+ 2
- (c) "one"+ "2"
- (d) '1' + 2

30. What is the output of this code?

```
>>> int("3" + " 4")
```

- (a) "7"
- (b) "34"
- (c) 34
- (d) 24

31. Which line of code will cause an error?

1. num = [5, 4, 3, [2], 1]
2. print(num [0])
3. print(num[3][0])
4. print (num[5])

- (a) Line 3
- (b) Line 2
- (c) Line 4
- (d) Line 1

32. Which is the correct form of declaration of dictionary?

- (a) Day = {1 : 'Monday', 2 : 'Tuesday', 3 : 'wednesday'}
- (b) Day = {1 ; 'Monday', 2 ; 'Tuesday', 3 ; 'wednesday'}
- (c) Day = [1 : 'Monday', 2 : 'Tuesday', 3 : 'wednesday']

(d) Day = {1 'Monday', 2 'Tuesday', 3 'wednesday'}

33. Identify the valid declaration of L:

L = [1, 23, 'hi', 6]

- (a) list
- (b) dictionary
- (c) array
- (d) tuple

34. Which of the following is not considered a valid identifier in Python?

- (a) two2
- (b) _main
- (c) hello_rsp1
- (d) 2 hundred

35. What will be the output of the following code-`print("100+200")`?

- (a) 300
- (b) 100200
- (c) 100+200
- (d) 200

36. Which amongst the following is a mutable data type in Python?

- (a) int
- (b) string
- (c) tuple
- (d) list

37. `pow()` function belongs to which library?

- (a) math
- (b) string
- (c) random
- (d) maths

38. Which of the following statements converts a tuple into a list?

- (a) `len(string)`

- (b) list(string)
- (c) tup(list)
- (d) dict(string)

39. The statement: `bval = str i > str2` shall return..... As the output if two strings `str1` and `str2` contains "Delhi" and "New Delhi".

- (a) True
- (b) Delhi
- (c) New Delhi
- (d) False

40. What will be the output generated by the following snippet?

```
a = [5, 10, 15, 20, 25]
k = 1
i = a[1] + 1
j = a[2] + 1
m = a[k+1]
print (i, j, m)
```

- (a) 11 15 16
- (b) 11 16 15
- (c) 11 15 15
- (d) 16 11 15

41. The process of arranging the array elements in a specified order is termed as:

- (a) Indexing
- (b) Slicing
- (c) Sorting
- (d) Traversing

42. Which of the following Python functions is used to iterate over a sequence of number by specifying a numeric end value within its parameters?

- (a) range()
- (b) len()
- (c) substring()
- (d) random()

43. What is the output of the following?

```
d = {0: 'a', 1: 'b', 2: 'c'}
```

```
for i in d:
```

```
    print(i)
```

(a)

0

1

2

(b)

a

b

c

(c)

0

a

1

b

2

c

(d)

2

a

2

b

2

c

44. What is the output of the following?

```
x = 123
```

```
for i in x:
```

```
    print(i)
```

(a) 1 2 3

(b) 123

(c) error

(d) infinite loop

45. Which arithmetic operators cannot be used with strings?

(a) +

(b) *

(c) -

(d) all of the above

46. What will be the output when the following code is executed?

```
>>> str1="helloworld"  
>>> str1[::-1]
```

- (a) dlrowolleh
- (b) hello
- (c) world
- (d) helloworld

47. What is the output of the following statement?

```
print ("xyzyxzyzxzyy".count ('yy', 1))
```

- (a) 2
- (b) 0
- (c) 1
- (d) Error

48. Suppose list1 [0.5 * x for x in range(0, 4)], list1 is:

- (a) [0, 1, 2, 3]
- (b) [0, 1, 2, 3, 4]
- (c) [0.0, 0.5, 1.0, 1.5]
- (d) [0.0, 0.5, 1.0, 1.5, 20]

49. Which is the correct form of declaration of dictionary?

- (a) Day={1:'monday',2:'tuesday',3:'wednesday'}
- (b) Day=(1;'monday',2;'tuesday',3;'wednesday')
- (c) Day=[1:'monday',2:'tuesday',3:'wednesday']
- (d) Day={1 monday',2 tuesday',3 wednesday'}

50. Identify the valid declaration of L: L = [1, 23, 'hi', 6]

- (a) list
- (b) dictionary
- (c) array
- (d) tuple

Answer =

1. b
2. a
3. b
4. d
5. b
6. b
7. b
8. c
9. b
10. b
11. d
12. b
13. b
14. b, c
15. c
16. a
17. c
18. b
19. c
20. a
21. a
22. d
23. d
24. a
25. a, b, e
26. b, d
27. c
28. c
29. d
30. c
31. c
32. a
33. a
34. d
35. b
36. d
37. a
38. b
39. d
40. b
41. c
42. a
43. a
44. c
45. c
46. a

- 47. a
- 48. c
- 49. a
- 50. a

Using Python Libraries || Objective Type Questions || Class 12

1. What will be the output of the following Python code?

```
from math import factorial
print (math.factorial (5))
```

- (a) 120
- (b) Nothing is printed
- (c) Error, method factorial doesn't exist in math module
- (d) Error, the statement should be: print(factorial(5))

2. What is the order of namespaces in which Python looks for an identifier?

- (a) Python first searches the global namespace, then the local namespace and finally the built-in namespace
- (b) Python first searches the local namespace, then the global namespace and finally the built-in namespace
- (c) Python first searches the built-in namespace, then the global namespace and finally the local namespace
- (d) Python first searches the built-in namespace, then the local namespace and finally the global namespace

3. Which of the following is not a valid namespace?

- (a) Global namespace
- (b) Public namespace
- (c) Built-in namespace
- (d) Local namespace

4. What will be the output of the following Python code?

```
#modules
def change (a):
    b=[x * 2 for x in a]
    print (b)
```

```
#module 2
def change (a):
    b= (x*x for x in a)
    print (b)
```

```
from module import change
from module2 import change
#main
```



```
s = [1, 2, 3]
change (s)
```

(a) [2, 4, 6]

(b) [1, 4, 9]

(c)

[2, 4, 6]

[1, 4, 9]

(d) There is a name cash

5. What is the output of the function shown below (random module has already been imported)?

```
random.choice('sun')
```

(a) sun

(b) u

(c) either s, u or n

(d) error

6. What possible output(s) are expected to be displayed on screen at the time of execution of the program from the following code?

```
import random
AR = [ 20, 30, 40, 50, 60, 70]
FROM = random.randint (1, 3)
TO = random.randint (2, 4)
for K in range (FROM, TO+1):
    print (AR(K), end = "#")
```

(a) 10#40#70#

(b) 30#40#50#

(c) 50#60#70#

(d) 40#50#70#

7. Which of the statements is used to import all names from a module into the current calling module?

(a) import

(b) from

(c) import *

(d) dir()

8. Which of the variables tells the interpreter where to locate the module files imported into a program?

(a) local

(b) import variable

(c) PYTHONPATH

(d) current

9. Which of the following date class function returns the current system date?

(a) day()

- (b) today()
- (c) month()
- (d) year()

10. What is the range of values that random.random() can return?

- (a) [0.0, 1.0]
- (b) (0.0, 1.0]
- (c) (0.0, 1.0)
- (d) [0.0, 1.0)

11. A .py file containing constants/variables, classes, functions etc. related to a particular task and can be used in other programs is called

- (a) module
- (b) library
- (c) classes
- (d) documentation

12. The collection of modules and packages that together cater to a specific type of applications or requirements, is called _____.

- (a) module
- (b) library
- (c) classes
- (d) documentation

13. An independent triple quoted string given inside a module, containing documentation related information is a _____.

- (a) Documentation string
- (b) docstring
- (c) dstring
- (d) stringdoc

14. The help <module> statement displays _____ from a module.

- (a) constants
- (b) functions
- (c) classes
- (d) docstrings

15. Which command(s) modifies the current namespace with the imported object name?

- (a) import <module>
- (b) import <module1>, <module2>
- (c) from <module> import <object>
- (d) from <module> import *

16. Which command(s) creates a separate namespace for each of the imported module?

- (a) import <module>
- (b) import <module1>, <module2>
- (c) from <module> import <object>

(d) from <module> import *

17. Which of the following random module functions generates a floating point number?

- (a) random()
- (b) randint()
- (c) uniform()
- (d) all of these

18. Which of the following random module functions generates an integer?

- (a) random()
- (b) randint()
- (c) uniform()
- (d) all of these

19. Which file must be a part of a folder to be used as a Python package?

- (a) package.py
- (b) __init__.py
- (c) __package__.py
- (d) __module.py__

20. A Python module has ____ extension.

- (a) .mod
- (b) .imp
- (c) .py
- (d) .mpy

Answer =

- 1. d
- 2. b
- 3. b
- 4. d
- 5. c
- 6. b
- 7. c
- 8. c
- 9. b
- 10. d
- 11. a
- 12. b
- 13. b
- 14. d
- 15. c, d
- 16. a, b
- 17. a, c
- 18. b

19. b

20. c