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Monthly Assignment

Class:_9_   Sec:_B_   Subject: _ENGLISH Submission Date (in subject notebook): _30/08/2022_____

1. What does the poet dream of enjoying in the evenings? Write your answer in the context of poem The Lake Isle of Innisfree.
2. How does the poet contrast city life with life in natural surroundings? Write your answer in the context of Poem The Lake Isle of Innisfree.
3. Describe the incident at Dehradun railway station after reading the story 'The Adventures of Toto.'
4. Give a character sketch of Grandfather. Write your answer in the context of 'The Adventures of Toto.'
5. Iswaran would not pick up the thread of the story right away.' How did Iswaran build up his ghost story?
6. Why did Mahendra listen to Iswaran's stories without interrupting him?

7. the passage given below and fill in the blanks by choosing the most appropriate words from the given options.
   Mrs. Chawla (a) _____ teaching in this school since 1996. Before she (b) _____ to Delhi, she (c)_____ in nearby township. She had (d) _____ experience at that time.

   For (a) (i) is (ii) has been (iii) will be (iv) was

   (b) (i) come (ii) coming (iii) came (iv) comes

   (c) (i) was living (ii) is living (iii) lives (iv) has been lived

   (d) (i) little (ii) no (iii) any (iv) some

8. Your sister and you decided to give your mother a day off from the kitchen on her birthday. Write a diary entry in 100-150 words on how you managed to run the kitchen without your mother's assistance.
9. Write a paragraph on Books-Our Best Companions.

10. Rewrite the story "The Snake and the Mirror" without its humour, merely as a frightening incident. What details or parts of the story did you leave out?

Monthly Assignment

Class:_9_   Sec:_B__   Subject: _science_   Submission Date (in subject notebook): 30/08/2022

Section -A

Question 1.

Name the cells which transmit the stimulus very rapidly from one place to another within the body.

Question 2.

Name the connective tissue that is found between skin and muscles.

Question 3.

Name the tissue which:

(i) allows buoyancy to aquatic plants (ii) provides flexibility to plants

[SECTION – B]

Question 1.

What is the function of sieve tube cells and how are they designed to carry out their function?

Question 2.

Name the basic packing tissue in the form of a few layers of cells.

Question 3.

In a temporary mount of a leaf epidermis, we observe small pores.

a)What are the pores present in leaf epidermis called?

b)How are these pores beneficial to the plant?

Question 4.

What is epidermis? What is its role?

Question 5.

State the difference between the outer layer of the tissue of a branch of a tree and the outer layer of a young tree stem.

Question 6.

How is striated squamous epithelial tissue different from squamous epithelial tissue?

Question 7.

Give one word for the following:

a)Group of cells with similar structure and designed to give highest efficiency of function.

b)The process of taking up a permanent shape, size and function

c)Animal tissue connecting muscle to bones

d)Kidney shaped cells that enclose stomata.

Question 8.

Which parts of our body are composed of nervous tissue? Name the cells that make up the nervous tissue.

Question 9.

(a) Voluntary muscles are also known as skeletal muscles. Justify.

(b) Give two structured characteristics of these voluntary muscles.

Question 10.

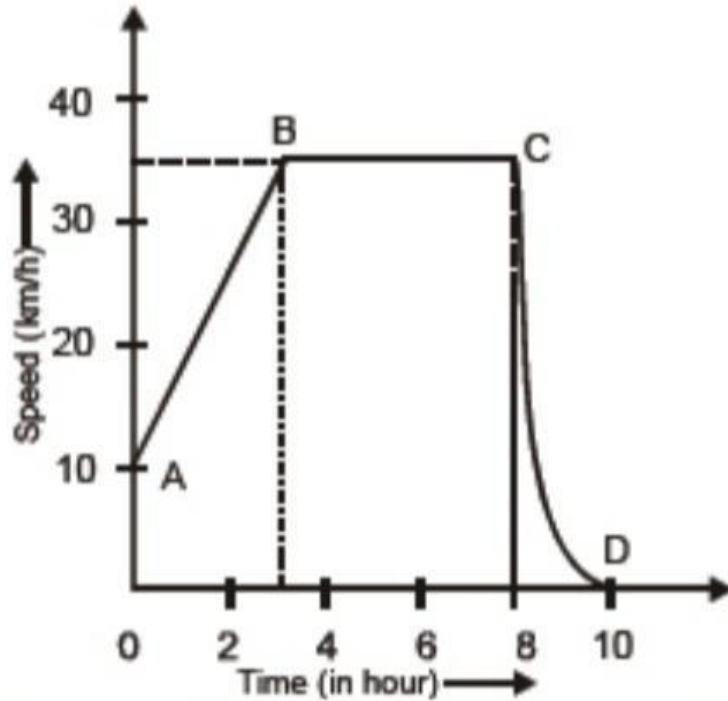Differentiate Chlorenchyma and Aerenchyma.

Section -B physics

Q1. A car accelerates from 6 ms–1 16 ms–1 in 10 sec. Calculate

(a) the acceleration and

(b) the distance covered by the car in that time.

Q2. The graph given alongside shows how the speed of a car changes with time.

(i) What is the initial speed of the car?

(ii) What is the maximum speed attained by the car?

(iii) Which part of the graph shows zero acceleration?

(iv) Which part of the graph shows varying retardation?

(v) Find the distance travelled in first 8 hours.

3. The following table gives the data about motion of a car.

Time (h)	11:00	11:30	12:00	12:30	1:00
Distance (km)	0	30	30	65	100

Plot the graph.

(i) Find the speed of the car between 12.00 hours and 12.30 hours.

(ii) What is the average speed of the car?

(iii) Is the car's motion an example of uniform motion? Justify.

Q4. A car travels from stop A to stop B with a speed of 30 km/h and then returns back to A with a speed of 50 km/h. Find

(i) displacement of the car.

(ii) distance travelled by the car.

(iii) average speed of the car.

Q5. Give three examples exhibiting inertia in our daily life.

Q6. A cricket ball of mass 70 g moving with a velocity of 0.5 m/s is stopped by a player in 0.5 s.

What is the force applied by the player to stop the ball?

SECTION -C – Chemistry

1. Write symbol of (a) Copper (b.) Argon (C) silicon (d) ca (e) florine (f) sodium
   (g) pottasium (h) phosphorus (i)(hydrogen)
2. Write chemical formula for (i) calcium oxide (ii) calcium chloride (iii) sodium oxide
   (Iv) magnesium chloride (v) aluminium oxide
3. Find the mass of
   A. 2 mole of carbon
   B. 0.5 mole of carbon dioxide
   C. 3 moles of CH4
   D. 4 moles of H2So4
4. Find the molecular mass of
   A. H2SO4
   B. NH3
   C. CH3COOH
   D. HCL
   E. Al2O3
   F. Mglc2
   G. Alcl3
5. Find the valency of
   A. N
   B. C
   C. H
   D. F
   E. Ca
   F. O

Monthly Assignment

Class:_9_   Sec:_B_   Subject: _COMPUTER.   Submission Date (in subject notebook):30/08/2022 _____

Q.1. Objective .

1. Among the following devices, _____ is an output device
   a. Keyboard
   b. Joystick
   c. Mouse
   d. Monitor

2. The term _____ is used for the raw facts which need to be processed by the computer
   a. Data
   b. Information
   c. Storage
   d. Process

3. Main memory of the computer directly interacts with the CPU. True or False
   a. True
   b. False

4. The speed of computer is measured in _____ and _____.

5. CPU component which performs arithematic and logical operations is known as _____

6. Which memory is used to hold the processed results permanently for the later use.
   a. Primary
   b. External
   c. Main
   d. Secondary

7. OCR stands for _____
   a. Optical Character Reader
   b. Optical Compile Recongnition
   c. Optimal Character Reader
   d. Optional Character Reserve

8. In _____, no memory card is required for storing images
   a. Digicam
   b. Webcam
   c. Graphic Tablet
   d. Smart Card Reader

9. Handheld scanners are used to scan high quality graphical images. True or False
   a. True
   b. False

10. 1 Gigabyte (GB) = _____Megabytes (MB)
    a. 1000
    b. 1020
    c. 1024
    d.1040

11. The full form of TFT is _____
    a. Thin Film Transistor
    b. Thick Film Transistor
    c. Thin Fluorescent Transistor
    d. Thick Fluorescent Transistor

12. _____laser technology is used to read/write data on the blu-ray disc.

13. _____acts as an interface between the user and the computer.
    a. Customized Software
    b. Application Software
    c. Operating System
    d. System Software

14. _____ converts a high level language program into machine language.
    a. Compiler
    b. Interpreter
    c. Assembler
    d. Device Driver

15. Any virus in a computer system never corrupt the stored information. True or False
    a. True
    b. False

16. A _____operating system allows the user to interact with the computer in the form of typed commands.

17. The process of converting encrypted text to it original form is called as

    _____

18. DOS and Windows 7 are the GUI operating system. True or False
    a. True
    b. False

19. The working principle of computer is IPO. True or False
    a. True
    b. False

20. The storage capacity of CD is _____.

Q2. Answer in brief.

1. What is the Language processor? Explain difference between the working of various language processors.
2. Explain types of Mobile apps?
3. What are types of Primary Memory? Explain each one of them.
4. What are the three types of scanners? Explain their working in brief.
5. Name any 5 memory mesurement units.
6. Explain the working of a computer system with the help of its data flow diagram.
7. Describe the limitations of the Computers.
8. Write any two uses of a computer in the field of defence.
9. What is the difference between Data and Information?
10. What do you understand by IPO cycle?
11. Define ALU, CU and OU.
12. What is the difference between soild state drive and hard disk?
13. How is CRT technology different from LCD technology? Which one is better and why?
14. What is difference between MICR and OCR?
15. Differentiate between impact and non-impact printers.
16. Write a note on classification of Mobile applications.
17. What do you understand by language processors?
18. What is the role of device drivers in a computer system? Explain
19. What is the difference between hardware and software?
20. Customized application software are very costly as compared to general purpose software. Explain.

Monthly Assignment

Class:_9_   Sec:_B_   Subject: _mathematics

Submission Date (in subject notebook):30/08/2022 _____

1. $\sqrt{12} \times \sqrt{15} =$

   a. 5

   b. $5\sqrt{6}$

   c. $6\sqrt{5}$

   d. 6

2. Which of the following is equal to 'x'?

   a. $\sqrt[12]{(x^4)^{\frac{1}{3}}}$

   b. $x^{\frac{12}{7}} \times x^{\frac{7}{12}}$

   c. $\left(\sqrt{x^3}\right)^{\frac{2}{3}}$

   d. $x^{\frac{12}{7}} - x^{\frac{5}{7}}$

3. An irrational number between 5 and 6 is

   a. none of these

   b. $\sqrt{5+6}$

   c. $\sqrt{5-6}$

   d. $\sqrt{5 \times 6}$

4. $2\sqrt{3} + \sqrt{3}$ is equal to

   a. $2\sqrt{6}$

   b. $3\sqrt{6}$

Monthly Assignment

Class:_9_   Sec:_B_   Subject: _SST   Submission Date (in subject notebook): 30/08/2022_____

SUB--- HIST/ D.POL.

Q 1 Name the two Indians who talked the significance of the French Revolution ?

Q2 Mention the type of government favoured by the liberals?

Q 3 Mention one significance view of the radicals.

Q4 what were the ideas of conservatives regarding social change in the 19th century?

Q 5 Why were the socialists against private property?

Q 6 Name the religions practiced in Russian empire.

Q 7 What was ' Bloody Sunday'?

Q 8 Liberals were not Democrats .Explain.

Q9 What was the basic principle of the Marxist theory?

Q10 Why was Nelson Mandela imprisoned ?

Q11 Which group of people in South Africa were classified as coloured?

Long Answer questions-------

Q 12 What were the main objectives of the Russian Revolutionaries?

Q13 What is the philosophy of the Indian Constitution?

Q14 How was apartheid system practiced in South Africa ?

Q 15 Why do we need a constitution?

Monthly Assignment

Class:_9_   Sec:_B_   Subject: _Hindi   Submission Date (in subject notebook):30/08/2022 _____

हिंदी कार्यपत्रक (वर्कशीट)

कक्षा -9
प्रश्न-1 दिए गए अपठित गद्यांशो को ध्यानपूर्वक पढ़कर उसके प्रश्नों के उत्तर दीजिये-

1. जगदीश चंद्र बसु जीव-विज्ञान के साथ-साथ अन्य विषयों गणित, संस्कृत, लैटिन आदि में भी असाधारण थे। इसी कारण उन्हें कॉलेज में छात्रवृत्ति भी मिली। उन्हें सन् 1884 में कैम्ब्रिज से प्राकृतिक विज्ञान में स्नातक की उपाधि मिली। इसके बाद वे स्वदेश लौट आए। यहाँ आकर कलकत्ता के प्रेसीडेंसी कॉलेज में भौतिकी के प्रोफेसर नियुक्त हुए। इस कॉलेज में भारतीय अध्यापकों को अंग्रेज़ी अध्यापकों की अपेक्षा कम वेतन मिलता है। जगदीश चंद्र बसु बड़े स्वाभिमानी थे। उन्होंने इस बात का विरोध किया। वे तीन साल तक इस कॉलेज में अध्यापन व अनुसंधान कार्य करते तो रहे परन्तु बिना वेतन के। अन्त में उनकी काम के प्रति निष्ठा और उत्साह देखकर कॉलेज के संचालकों को उनके प्रति अपनी राय बदलनी पड़ी और पूरा

वेतन दिया जाने लगा। अतः भारतीय अध्यापकों के प्रति इस कॉलेज में जो ग़लत रवैया था, उसको उन्होंने सर्वथा बदल दिया।

प्रश्न 1.
जगदीश चंद्र बसु को कॉलेज से छात्रवृत्ति क्यों मिली?

उत्तर:

जगदीश चंद्र बसु जीव-विज्ञान के साथ-साथ अन्य विषयों गणित, संस्कृत, लैटिन आदि में भी असाधारण थे इसलिए उन्हें कॉलेज में छात्रवृत्ति मिली थी।

प्रश्न 2.
जगदीश चंद्र बसु किस विषय के प्रोफेसर नियुक्त हुए?

उत्तर:

जगदीश चंद्र बसु भौतिकी के प्रोफेसर नियुक्त हुए थे।

प्रश्न 3.
जगदीश चंद्र बसु को पूरा वेतन क्यों दिया जाने लगा ?

उत्तर:

जगदीश चंद्र बसु कम वेतन न लेकर तीन वर्षों तक बिना वेतन लिए निष्ठापूर्वक अपना कार्य करते रहे जिससे प्रभावित होकर कॉलेज संचालकों ने उन्हें पूरा वेतन दिया।

प्रश्न 4.
'असाधारण' तथा 'अनुसंधान' शब्दों के अर्थ लिखिए।

उत्तर:

असाधारण-विशेष। अनुसंधान-खोज।

प्रश्न 5.
उपर्युक्त गद्यांश का उचित शीर्षक दीजिए।

उत्तर:
जगदीश चंद्र बसु का स्वाभिमान।

2. संसार में ऐसे-ऐसे दृढ़ चित्त मनुष्य हो गए हैं जिन्होंने मरते दम तक सत्य की टेक नहीं छोड़ी, अपनी आत्मा के विरुद्ध कोई काम नहीं किया। राजा हरिश्चंद्र के ऊपर इतनी-इतनी विपत्तियाँ आईं, पर उन्होंने अपना सत्य नहीं छोड़ा। उनकी प्रतिज्ञा यही रही–
"चंद्र टरै, सूरज टरै, टरै जगत् व्यवहार।
पै दृढ़ श्री हरिश्चंद्र को, टरै न सत्य विचार।"

महाराणा प्रतापसिंह जंगल-जंगल मारे-मारे फिरते थे, अपनी स्त्री और बच्चों को भूख से तड़पते देखते थे, परंतु उन्होंने उन लोगों की बात न मानी जिन्होंने उन्हें अधीनतापूर्वक जीते रहने की सम्पत्ति दी, क्योंकि वे जानते थे कि अपनी मर्यादा की चिन्ता जितनी अपने को हो सकती है, उतनी दूसरे को नहीं। एक बार एक रोमन राजनीतिक बलवाइयों के हाथ में पड़ गया। बलवाइयों ने उससे व्यंग्यपूर्वक पूछा, "अब तेरा किला कहाँ है ?" उसने हृदय पर हाथ रखकर उत्तर दिया, "यहाँ।" ज्ञान के जिज्ञासुओं के लिए यही बड़ा भारी गढ़ है।

प्रश्न 1.
संसार में किन लोगों ने मरते दम तक सत्य का साथ नहीं छोड़ा?
उत्तर:
जो लोग दृढ़ चित्त के होते हैं, वे मरते दम तक सत्य का साथ नहीं छोड़ते हैं।

प्रश्न 2.
महाराणा प्रताप सिंह ने अपनी स्त्री और बच्चों को भूख से तड़पते देखकर भी लोगों की बात क्यों नहीं मानी ?
उत्तर:
महाराणा प्रताप सिंह ने लोगों की बात इसलिए नहीं मानी क्योंकि वे किसी की अधीनता में जीना नहीं चाहते थे तथा उन्हें अपनी मर्यादा की चिंता थी।

प्रश्न 3.

राजा हरिश्चंद्र की क्या प्रतिज्ञा थी?

उत्तर:

राजा हरिश्चंद्र की यह प्रतिज्ञा थी कि चाहे सूर्य, चंद्रमा और संसार का व्यवहार बदल जाए परन्तु हरिश्चंद्र अपने सत्य की टेक से नहीं टरैं गा।

प्रश्न 4.

'सम्मति' तथा 'मर्यादा' शब्दों के अर्थ लिखिए।

उत्तर:

सम्मति-राय, सलाह। मर्यादा-नियम, सीमा।

प्रश्न 5.

उपर्युक्त गद्यांश का उचित शीर्षक दीजिए।

उत्तर:

आत्मविश्वास।