



# INDIAN SCHOOL

( RUN BY GYAN ASHA EDUCATIONAL SOCIETY )

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NEAR S.E.C.L. OFFICE, KELOVIHAR, ATTARMUDA, RAIGARH(C.G.)

## Monthly Assignment

Class:\_9\_ Sec:\_A

Submission Date (in subjectnotebook): \_30/08/2022\_

***Subject: ENGLISH***

***Answer these questions within 50 – 60 words.***

1. What kind of toys attracted the attention of Einstein when he was a child? Why?
2. Albert Einstein is called a scientific genius. Write down his achievements and comment on his genius
3. How did Evelyn's teachers respond when she expressed her desire to play the xylophone ?
4. Why did Bismillah Khan refuse to start a shehnai school in the U.S.A.?
5. How did Evelyn's parents come to discover her deafness?
6. Explain the nightmare that Kezia had.
7. How did the little girl start understanding her father? Write your answer in the context of The Little Girl.
8. Kezia's efforts to please her father resulted in displeasing him very much. How did this happen?
9. Why does the poet plead with the wind to blow softly? Write your answer in the context of the poem 'Wind'.
10. Which values of life does the poet emphasize in the poem? Write your answer in the context of the poem 'Wind'.
11. How does the poet describe the sky before the rain falls? Write your answer in the context of poem Rain on the Roof.
12. What is the single major memory that comes to the poet? Who are the **darling dreamers** he refers to?
13. What is it that fascinates the poet day and night? Write your answer in the context of Poem The Lake Isle of Innisfree.
14. Where does the poet want to go and why? Write your answer in the context of Poem The Lake Isle of Innisfree.

### WRITING SECTION

1. Descriptive Paragraph : Pen – Portrait of a Principal Of Your School

2. Ramesh, a student of ABC Public School, went on trekking during his NCC camp in Himachal Pradesh. Using these notes, together with your own in the unit Adventure, write a brief description for Ramesh about his trekking experience in about 100-150 words.

OUTLINE : Base camp at Raison in Manikaran hot water springs-trekking from Raison to Jana-virgin greenery, Beas river bank-walk thrilling-reached Pinni via Bringta bridge- water tumultuous and horrifying-crossed dense forests and hills-a ghost like place- required a rare courage to cross-saw rare birds-nature in full glory-fascinating- reached Manikaran Hot Springs-rare scenes still fresh.

3. Write a descriptive paragraph on 'INVESTITURE CEREMONY" which has celebrated in our school about 100-150 words

## 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  $6 \text{ ms}^{-1}$  to  $16 \text{ ms}^{-1}$  in 10 sec. Calculate**

**(a) the acceleration and**

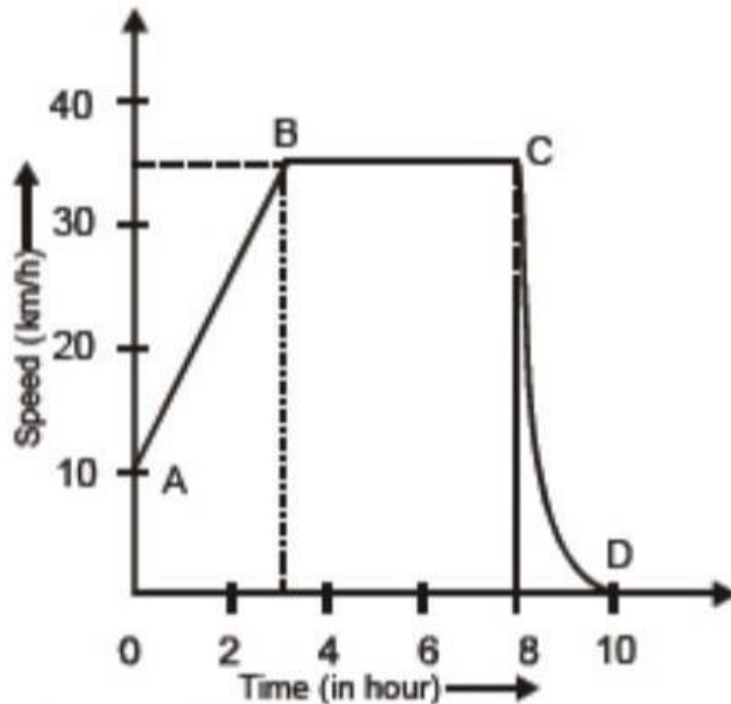
**(b) the distance covered by the car in that time.**

**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) fluorine (f) sodium (g) potassium (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 CH<sub>4</sub>
  - D. 4 moles of H<sub>2</sub>SO<sub>4</sub>
4. Find the molecular mass of
  - A. H<sub>2</sub>SO<sub>4</sub>
  - B. NH<sub>3</sub>
  - C. CH<sub>3</sub>COOH
  - D. HCl
  - E. Al<sub>2</sub>O<sub>3</sub>
  - F. MgCl<sub>2</sub>
  - G. AlCl<sub>3</sub>
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 arithmetic 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 Compiling Recognition
  - c. Optimal Character Reader
  - d. Optional Character Reserve

8. In \_\_\_\_\_, no memory card is required for storing images
- Digicam
  - Webcam
  - Graphic Tablet
  - Smart Card Reader
9. Handheld scanners are used to scan high quality graphical images. True or False
- True
  - False
10. 1 Gigabyte (GB) = \_\_\_\_\_ Megabytes (MB)
- 1000
  - 1020
  - 1024
  - 1040
11. The full form of TFT is \_\_\_\_\_
- Thin Film Transistor
  - Thick Film Transistor
  - Thin Fluorescent Transistor
  - 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.
- Customized Software
  - Application Software
  - Operating System
  - System Software
14. \_\_\_\_\_ converts a high level language program into machine language.
- Compiler
  - Interpreter
  - Assembler
  - Device Driver
15. Any virus in a computer system never corrupt the stored information. True or False
- True
  - 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 its 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 measurement 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 solid 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.

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## Monthly Assignment

Class: \_9\_    Sec: \_B\_

Subject: \_mathematics

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

## CH-1 Number Systems

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- $\sqrt{12} \times \sqrt{15} =$ 
    - 5
    - $5\sqrt{6}$
    - $6\sqrt{5}$
    - 6
  - Which of the following is equal to 'x'?
    - $\sqrt[12]{(x^4)^{\frac{1}{3}}}$
    - $x^{\frac{12}{7}} \times x^{\frac{7}{12}}$
    - $(\sqrt{x^3})^{\frac{2}{3}}$
    - $x^{\frac{12}{7}} - x^{\frac{5}{7}}$
  - An irrational number between 5 and 6 is
    - none of these
    - $\sqrt{5+6}$
    - $\sqrt{5-6}$
    - $\sqrt{5 \times 6}$
  - $2\sqrt{3} + \sqrt{3}$  is equal to
    - $2\sqrt{6}$
    - $3\sqrt{6}$
-

## 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 19<sup>th</sup> 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 \_\_\_\_\_

ह िंदी कार्यपत्रक (वकय शीट)

कक्षा -9

प्रश्न-1 हदएगएअपहितिगद्ािंशोकोध्यानपूवयकपढ़करउसके  
प्रश्नोिंके उतरदीहिरे-1. जगदीशचंद्रबसुजीव-वक्त्रानकेसाथ-  
साथअन्यवषयोंगणित,संस्कृत,लैटिनआदमों  
भीअसाधारिंथेइसीकारिं उन्हेंकॉलेजमेंछात्रवृिंभीमम  
ली।उन्हेंसन्1884मेंकैम्ब्रिज  
सेप्राकृतकवक्त्रानमेंसनातककीउपाधममली।इसके  
बादवेस्वदेशलौिंआएयहोआकर  
कलकिंाकेप्रेसीडेंसिकॉलेजमेंभौततकीकेप्रेसरतनयुक्तहु एइस  
कॉलेजमेंभारतीय  
अध्यापकोंकोअंगरेजीअध्यापकोंकीअपेक्षाकमवेतनममलताहै।जग  
दीशचंद्रबसुबडे  
स्वामभमानीथे।उन्होंनेइसबातकावरोधककया।वेतीनसालतकइसकॉलेजमेंअध्यापन  
वअनुसंधानकायकरतेतोरहेपरन्तुबबनावेतनके।अन्तमेंउनकीकामकेप्रततनष्ठा  
औरउत्साहदेखकरकॉलेजकेसंचालकोंकोउनके

प्रतअपनीरायबदलनीपडीऔरपा

वेतनटदयाजाने लगा। अतः भारतीय अध्यापकों के प्रति इस कॉलेज में जोगलतरवैयाथा, उसको उन्होंने सवयथा बदलटदया।

प्रश्न 1.

जगदीशचंद्रबसुकोकॉलेजसेछात्रवृत्तियों  
मेंममली? उरि:

जगदीशचंद्रबसुजीव-व्यंजानकेसाथ-

साथअन्यवषयोंगणित,संस्कृत,लैटिनआदममेंभी

असाधारणविद्यार्थेइसमलएउन्हेंकॉलेजमेंछात्रवृत्तिसम्मलीथी।

प्रश्न 2.

जगदीशचंद्रबसुककसवषयकेप्रोफेसरतनयुक्तहु

ए? उरि:

जगदीशचंद्रबसुभौततकीकेप्रोफेसरतनयुक्तहुएथे।

प्रश्न 3.

जगदीशचंद्रबसुकोपवेतनक्योंटदयाजानेलागा?

उरि:

जगदीशचंद्रबसुकमवेतननलेकरतीनवषोंतकबबनावेतनमलएतनष्ठापयकअपनाका  
य

करतेरहेजससेप्रभावतहोकरकॉलेजसंचालकोवेतनटदया।

उन्हेंप

प्रश्न 4.

‘असाधारण’ तथा ‘अनुसंधान’ शब्दोंकेअ

थमलणखए। उरि:

असाधारण-व्यंजान-अनुसंधान-खोज।

प्रश्न 5.

उपयुक्तगद्यांशकाउधचतशीषकदीखजए।

उिरः

जगदीशचंद्रबसुकस्वामभमान।

2.संसारमेंऐसे-

ऐसेदृढधचिमनुष्यहोगएहैंब्रह्महोंनेमरतेदमतकसत्यकीकनहीं  
छोडी, अपनीआत्माकेववरुद्धकोईकामनहींककया।राजाहररश्चंद्रकेऊपरइतनी-इतनी  
ववपवियआईं, परउन्होंनेअपनासत्यनहींछोडा।उनकीप्रततज्जायहीरही-  
“चंद्रिरै, सजिरै, िरैजगत्त्व्यवहार।  
पैदृढश्रीहररश्चंद्रको, िरैनसत्यववचार।”

महाराराप्रतापमसहजंगल-जंगलमार-

ेमारेकफरतेथे, अपनीस्त्रीऔरबच्चोंकोभ

से

तडपतेदेखतेथे, परंतुउन्होंनेउनलोगोंकीबातनमानीम्ब्रह्महोंनेउन्हें अधीनताप यकजीते  
रहनेकीसरपततदी, क्योंकिकवेजानतेथेककअपनीमयायदाकीधचन्ताम्ब्रजतनीअपनेकोहो  
सकतीहै, उतनीदसरेकोनहीं।एकबारएकरोमनराजनीततकबलवाइयोंकेहाथम  
ेंपड

गया।बलवाइयोंनेउससेव्यंग्यप यक ा, “अबतेराककलाकहाँहै?” उसनेहृदयपरहाथ  
प

रखकरउरिटदया, “यहाँ” ज्ञानकेज्ञज्ञासुओंकेमलएयहीबडाभारीगढ़है।

प्रश्न 1.

संसारमेंककनलोगोंनेमरतेदमतकसत्यकासाथनहींछोडा? उिरः

जोलोगदृढधचिकेहोतेहैं, वेमरतेदमतकसत्यकासाथनहींछोडतेह

प्रश्न 2.

महारारा नेअपनीस्त्रीऔरबच्चोंकोभ

सेतडपतेदेखकरभीलोगोंकीबात

ाप्रतापमसहयों

नहीं मानी ? उिरः

महाराराप्रतापमसहनेलोगोंकीबातइसमलएनहींमानीक्योंककवेककसी  
कीअधीनतामें

जीनानहींचाहतेथेतथाउन्हेंअपनीमयायदाकीधचताथी।

प्रश्न 3.

राजाहररश्चंद्रकीक्याप्रततज्ञाथी? उरः

राजाहररश्चंद्रकीयहप्रततज्ञाथीककचाहेस

य, चंद्रमाऔरसंसारकाव्यवहारबदलजाए

परन्तुहररश्चंद्रअपनेसत्यकीकेकसेनहींरैगा।

प्रश्न 4.

‘सरमतत’तथा‘मयायदा’शब्दोंकेअथमलणखए।

उरः

सरमतत-राय,सलाह।मयायदा-तनयम,सीमा।

प्रश्न 5.

उपयुक्तगदयांशकाउधचतशीष

यकदीम्बजएउरः

आत्मवश्वसा।