

ARMY PUBLIC SCHOOL RATNUCHAK
MULTIPLE ASSESSMENT ACTIVITY
SESSION 2023-24
CLASS VI

ENGLISH

All questions are compulsory.

M.M- 25

Q1. Read the given passage and answer the questions that follow:

(2x8=16)

The Solar System

The solar system is a vast collection of celestial bodies that are bound together by gravity. At the center of the solar system is the Sun, a massive ball of hot, glowing gases. Orbiting the Sun are eight planets, each with its own unique characteristics.

The inner planets, Mercury, Venus, Earth, and Mars, are rocky and relatively small. They are often called the terrestrial planets because of their solid surfaces. Earth, our home, is the only planet known to support life.

Beyond the inner planets, there is an asteroid belt, a region populated by small rocky bodies. The outer planets—Jupiter, Saturn, Uranus, and Neptune—are gas giants, composed mainly of hydrogen and helium. These planets are much larger than the inner planets and have thick atmospheres.

The dwarf planet Pluto was once considered the ninth planet in our solar system, but in 2006, it was reclassified as a dwarf planet by the International Astronomical Union.

Humans have sent numerous spacecraft to explore the solar system, providing valuable information about each planet and celestial body. As our understanding of the solar system continues to grow, so does our fascination with the mysteries of the cosmos.

Comprehension Questions:

1. **What is at the center of the solar system?**
2. **How many planets orbit the Sun, and what are they called?**
3. **What are the inner planets and why are they called terrestrial planets?**
4. **Describe the outer planets and what they are composed of.**
5. **Why was Pluto reclassified as a dwarf planet?**
6. **What is the asteroid belt, and where is it located in the solar system?**
7. **What is special about Earth among the planets in our solar system?**
8. **What role have spacecraft played in our understanding of the solar system?**

Q2. Fill in the blanks with appropriate forms of verb given in brackets. The tense form is mentioned with each sentence. (4 Marks)

- a) Madhu (speak) good English. (Simple Present)
- b) They (live) in Canada for 20 years. (Present Perfect continuous)
- c) They (stand) in the queue for over an hour. (Past Perfect Continuous)
- d) I was tired yesterday because I (not sleep) well the night before. (Past Perfect)

Q3. Encircle the adjectives in the following sentences.

(5 Marks)

- a) The tall boy stood on the last bench.
- b) The green grass swayed in the wind.
- c) These shoes are comfortable..
- d) No man can serve two masters.
- e) Her favorite movie is on TV tonight.

HINDI

प्रश्न.क. 'कान' से संबंधित 15 मुहावरे ढूँढिये और अर्थ लिखकर वाक्य में प्रयोग कीजिए- (15)

प्रश्न-2 अध्यापक और छात्र/छात्रा के बीच 'मोबाइल' लेकर हुई बातचीत को संवाद के रूप में लिखिए ।

(10)

MATHS

Q1. What should be added to 37.28 to obtain 46.8?

Q2. Arrange the following in ascending order.

2.2, 2.023, 2.0226, 22.1, 20.42

Q3. Gorang purchased 2kg280g apples, 3kg375g bananas, 225g grapes and 5kg385g oranges. Find the total weight of the fruits purchased by Gorang in kg.

Q4. Sum of $\frac{4}{17}$ and $\frac{15}{18}$ is...

Q5 Katrina rode her bicycle $\frac{6}{12}$ km in the morning and $\frac{8}{24}$ km in the evening. Find the distance traveled by her altogether on that day.

Q6. Mr. Rajan got a job at the age of 24 years and he got retired from the job at the age of 60 years. What fraction of his age till retirement was he in the job?




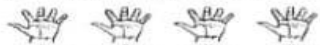
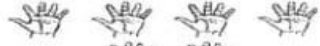
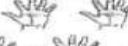

Q7. Raj obtains 480 marks out of 600. Reena obtains 560 marks out of 700. Whose performance is better and by what fraction?

Q8. The choices of the fruits of 42 students in a class are as follows:

A, O, B, M, A, G, B, G, A, G, B, M, A, G, M, A, B, G, M, B, A, O, M, O, G, B, O, M, G, A, A, B, M, O, M, G, B, A, M, O, M, O,

where A, B, G, M and O stand for the fruits Apple, Banana, Grapes, Mango and Orange Represent the above data in tally marks.

Q9. Following pictograph represents some surnames of people listed in the telephone directory of a city

Surname	Number of people	 = 100 people
Khan		
Patel		
Rao		
Roy		
Saikia		
Singh		

Observe the pictograph and answer the following questions:

- (a) How many people have surname 'Roy'?
 - (b) Which surname appears the maximum number of times in the telephone directory?
 - (c) Which surname appears the least number of times in the directory?
 - (d) Which two surnames appear an equal number of times?
- Q10. A ____ represents data through pictures of objects.

SSC

- 1. _____ was the word used for large landowners in Tamil.
- 2. Punch marked coins were made of _____.
- 3. Mathura was an important _____ center.
- 4. In the east of India, there is the _____.
- 5. Lakshadweep Islands are located in the _____.
- 6. Distance from Arunachal Pradesh to Kuchchh is about _____ km.
- 7. Name the delta formed by the Ganga and Brahmaputra.
- 8. Why do a large number of people live in the Northern Plains?
- 9. India share its land boundaries with seven countries. Name them.
- 10. What are the main features of Bhakti?
- 11. Why did the kings want to control the silk route?
- 12. Describe the functions of the Gramabhojaka. Why do you think he was powerful?
- 13. Mention three authors who wrote about Harshavardhana?
- 14. What changes do you find in the army at this time?
- 15. What were the new administrative arrangements during this period?

SCIENCE

A. OBJECTIVE TYPE QUESTIONS:

- 1. Which of the following is not a unit of distance?
a) Meter b) Feet c) Kilogram d) Kilometer
- 2. Which one of the following is a standard unit of measurement of distance?
a) Hand span b) Meter c) Arm length d) Pace
- 3. Which one of the following is the natural source of light?
(a) Electric bulb (b) Sun (c) Tube light (d) Moon
- 4. Which of the following can never form a circular shadow?
(a) A ball (b) A flat disc (c) A shoe box (d) An ice cream cone
- 5. Paheli is running short of connecting wires. To complete an electric circuit, she may use
a) glass bangle b) thick jute thread c) rubber pipe d) steel spoon
- 6. When a fused bulb is connected with a circuit it
a) does not glow b) glows c) depends on intensity of current flow d) none of these
- 7. True or false

- a)Electricity can flow through metals.
 - b) Plastic is good conductor of electricity.
 - c) Electric current can pass through a sheet of thermocol
 - d).Metal is a good conductor of heat and electricity.
- 8.Materials that allow the passage of light through them are called _____ materials.
- 9.A device that is used to break an electric circuit is called _____.
- 10.Five kilometre is _____ m.

B. SHORT AND VERY SHORT ANSWER TYPE QUESTION

11.Explain why the bulb would not glow in the arrangement shown in Fig.



Fig. 12.13

12. Write the similarities and differences between the motion of a bicycle and a ceiling fan that has been switched on.
13. Differentiate image and shadow. What are the conditions for shadow formation?
14. Give two examples each, of modes of transport used on land, water and air.
15. Why should an electrician use rubber gloves while repairing an electric switch at your home? Explain.
16. What are translucent objects? Give examples
17. Write different types of motions found in nature?
18. The height of a girl is 1.50 m. convert it into cm and mm and km
19. What materials are used to make pinhole camera?
20. Draw a well labeled electric circuit showing bulb, switch, cell and wires?

C. LONG ANSWER TYPE QUESTION

21. What is an electric cell? Write down its structure and functioning.
- (b) How does an electric bulb glow? How can we identify the terminals of an electric bulb?
22. Describe the Transparent, Translucent and Opaque materials with suitable examples.
23. What is a Pinhole camera? Why does it form inverted images? Draw a pinhole camera
24. Differentiate between conductors and insulators?
25. Why can't pace or a footstep be used as a standard unit of length?
-

COMPUTER SCIENCE

Q1 .Tick the correct option for each of the following.

i). Google chrome is a full-featured_____ software designed by google.

- a) Web server b) Web browser c) Web page

ii). _____ is an interactive mapping program that covers the vast area of the earth.

- a) Google pixe b) Google glass c) Google earth

iii). A single person who maintains many blogs is knows as a _____

- a) Bloggers b) User c) programmer

iv). A/An_____ modem is a s_____px that uses a cable to connect to the computer.

- a) Internal b) External c) Middle

Q2. Fill in the blanks with appropriate words.

- a. Google was founded by_____ and _____.
- b. _____ is a voice activated smart speaker.
- c. _____ is the example of video conferencing apps.
- d. _____ search engine uses crawler-based technology.

Q3.Write 'T' for true and 'F' for false.

- a. Google glass is a high quality video calling app.
- b. We can upload our digital movie or animation to YouTube.
- c. A wireless modem is also known as dongle.
- d. Facebook and Instagram are popular social networking sites.

SANSKRIT

1. पुष्प शब्द लेखनं स्मरणं च | 10

2. दैनिकव्यवहारिक शब्द लेखनं स्मरणं च (शब्दानां संख्या25) | 10

3. नवम् एवं दशं पाठे दत्त्वा शब्दार्थं लेखनं स्मरणं च | 5



ARMY PUBLIC SCHOOL RATNUCHAK
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CLASS VII

ENGLISH

Question No.1 : Choose an option, which can be substituted for a given word/sentence/phrase out of given options.

1. A person who thinks only of himself

Egoist

eccentric

proud

boaster

2. Ram speaks less in the forum. Ram is

unintelligible

reticent

garrulous

banal

3. In Magadh there was the government by a king or queen

democratic

monarchy

plutocracy

autocracy

4. A life history written by somebody else

biography

autobiography

anthropology

ornithology

5. Gayatri doesn't know how to read and write .Her friends call her ..

Illiterate

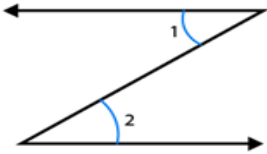
invulnerable

blindfolded

headstrong

-MATHS

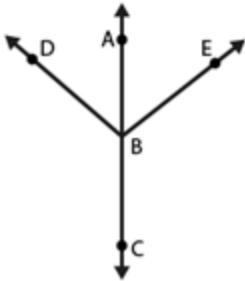
Q1. Are the angles 1 and 2 given in Fig, adjacent angles?



Q2. In Fig. , A, B, C are collinear points and $\angle DBA = \angle EBA$.

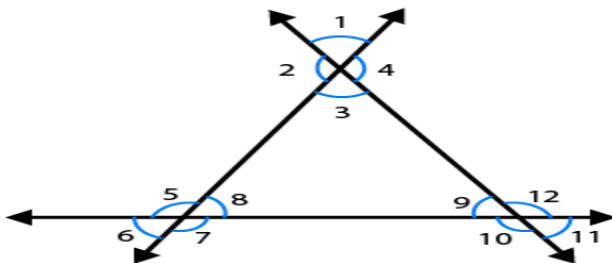
(i) Name two linear pairs.

(ii) Name two pairs of supplementary angles.



Q3. If the complement of an angle is 28° , then find the supplement of the angle.

Q4. In Fig. , name each linear pair and each pair of vertically opposite angles:



Q5. A machine costs ₹ 7500. Its value decreases by 5% every year due to usage. What will be its price after one year?

Q6. What sum of money lent out at 12 per cent p.a. simple interest would produce ₹ 9000 as interest in 2 years?

Q7. Rashmi obtains 480 marks out of 600. Rajan obtains 560 marks out of 700. Whose performance is better?

Q8. If the length and breadth of a rectangle are 36 cm and 24 cm respectively. Find

(i) Perimeter

(ii) Area of the rectangle.

Q9. The length and breadth of a rectangular field are equal to 600 m and 400 m respectively. Find the cost of the grass to be planted in it at the rate of ₹ 2.50 per m^2 .

Q10. The perimeter of a rectangular field is 240 m. If its length is 90 m, find:

- (i) its breadth
- (ii) its area.

SSC

- Q1. What was Manipravalam?
- Q2. Bengali language was derived from which language?
- Q3. Who were called Pir?
- Q4. Name the two gharanas associated with Kathak.
- Q5. What is Animism?
- Q6. What were the important architectural features of temples of Bengal?
- Q7. Why did conquerors try to control the temple of Jagannath at Puri?
- Q8. Give an account of the different layers of the atmosphere.
- Q9. What are the various categories of wind? Explain with example.
- Q10. What do you understand by global warming?
- Q11. What are stereotype?
- Q12. Write about women's movement.
- Q13. Why the children from Dalit and Adivasi community leave school?
- Q14. How do you think stereotype, about what women can and can not do, affect women's right to movement?
- Q15. In which year law was passed to give women protection from domestic violence ?

SCIENCE

A. OBJECTIVE TYPE

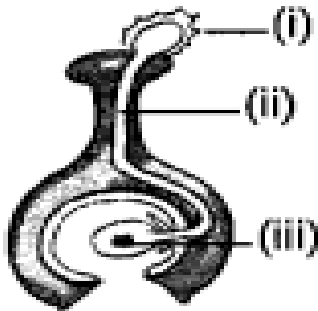
- 1 Name two plants where vegetative reproduction takes place by roots.
- 2 Write the male and female reproductive parts present on the flowers.
- 3 What do mean by vegetative propagation?
- 4 The SI system is used all over the world in everyday measurements. True or false?
- 5 What is oscillatory motion?
- 6 Speed measuring device of a vehicle is known as:
 - (i) Odometer(ii) Speedometer(iii) Aurometer(iv) None of these.
- 7 Which of these is not a standard unit?
 - (a) second(b) metre(c) hand span(d) gram
- 8 Name any two effects that are caused due to electric current.
- 9 Two or more cells combined is called a _ _ _.
- 10 The safety device is called a _ _ _ which is based on the heating effect of electric current.
- 11 To make a battery of 2 cells, the negative end of one cell is connected to the negative end of the other. (T/F)

B. VERY SHORT AND SHORT ANSWER TYPE

- 12 Explain the difference between self-pollination and cross-pollination.
- 13 If Boojho covers a certain distance in one hour and Paheli covers the same distance in two hours, who travels in a higher speed?

14 Can an electromagnet be used for separating plastic bags from a garbage heap? Explain.

15 In the figure given below, label the part marked (i), (ii) and (iii).



16 Show the shape of the distance-time graph for the motion in the following cases:

(i) A car moving with a constant speed. (ii) A car parked on a side road.

17 Draw the symbols to represent the following components of electrical circuits: connecting wires, switch in the 'OFF' position, bulb, cell, switch in the 'ON' position, and battery

18. Draw a complete and an incomplete circuit?

19. Draw a well labeled diagram of parts of flower?

20. What is a time period?

21. Differentiate between asexual and sexual types of reproduction?

22. What are uniform and non- uniform motions?

23. Name two effects of electric current?

C. LONG ANSWER TYPE

24 Describe the various ways by which seeds are dispersed.

25(a)What are the uses electromagnets? b) Explain the working of an electric bell?

COMPUTER SCIENCE

Q1 .Tick the correct option for each of the following

i). _____ is a harassment that takes place using technology.

- a) Cyberbullying b) Vulnerability c) Pop-up Ad

ii). A software that installs on our computer without our consent is _____

- a) Cookies b) Spyware c) Keylogger

iii). A sign used for closing a tag is _____.

- a) / b) \ c) *

iv). _____ use to insert a blank space with in a line.

- a) b) c)

Q2. Fill in the blanks with appropriate words

- a. _____ are programs which are created deliberately to damage data.
b. _____ refers to someone who accesses a computer or network illegally.

c. The _____ declaration at the beginning of web page specifies HTML5 document.

d) _____ is a text editor in which HTML document is written.

Q3. Write 'T' for true and 'F' for false.

- a. Spam involves sending important messages to a large number of recipient.
- b. We should never click on links in email message, even if we know the sender.
- c. <\HTML> is an opening tag of an HTML document.
- d. There are 13 colors in HTML which we can specify by name also.

SANSKRIT

1. त्रीणि चित्राणि रचयित्वा (can paste too) चित्रस्य वर्णनं कृत्वा संस्कृते पञ्च पञ्च वाक्यानि लिखत | 10

2. संख्या ५०-१०० पर्यन्तम् | 10

3. नवम् एवं दशपाठे दत्त्वा शब्दार्थं लेखनं स्मरणं च | 5



ARMY PUBLIC SCHOOL RATNUCHAK
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CLASS VIII

ENGLISH

Q1. Change the following active sentences into passive voice. (5Marks)

1. I did not beat her
2. Shut the door.
3. Post the letter at once.
4. Did the boy catch a bird?
5. Don't you like tea?
6. Who has made the cage?
7. I will never forget this experience
8. Mother made a cake yesterday
9. The boy teased the girl.
10. She has learned her lessons.

Q2. Identify Finite and Non-Finite Verbs in following sentences (5Marks)

1. The cat chased the mouse across the yard.
2. I am learning to play the guitar.
3. They were laughing at the joke.
4. Sarah needs to finish her homework before going to bed.
5. The sun was setting, painting the sky in hues of orange and pink.
6. The children love to play in the park.
7. He is a writer known for his gripping thrillers.
8. I enjoy listening to music while working.
9. They are planning a surprise party for their friend.
10. Despite trying hard, he could not solve the puzzle.

Q3. Complete the sentences using the correct form of the verb in brackets. (5 Marks)

1. He wasn't able to play because he _____ an ankle injury the week before. (SUFFER)
2. When I saw him, he _____ a picture of his wife. (TAKE)
3. After he _____ to church with his family, he _____ them to a marvellous Chinese restaurant. (GO, TAKE)
4. She _____ in this neighbourhood since April. She _____ here after her husband _____. (LIVE, MOVE, DIE)
5. _____ the documentary about 9/11 on TV yesterday evening? (YOU SEE)
6. I _____ for 15 years. I _____ 16 when I _____. (SMOKE, BE, START)
7. I _____ you a book last week. _____ it yet? (GIVE, YOU READ)
8. John _____ a shower when the doorbell _____, so he couldn't answer it. (HAVE, RING)
9. The match _____ at 7.30 and the two teams _____ for two hours now. (START, PLAY)
10. The new outlet _____ on Monday. (OPEN)

Q4. Write the meaning of the following idioms & proverbs and frame a sentence: (5Marks)

1. Open book
2. Take a page out of someone else's book
3. Good in someone's book
4. Bite the bullet
5. Hang in there

Q5. Look at the words and phrases given below. Rearrange them to form meaningful sentences. (5 Marks)

- (a) respect/said that/demanded/it/but/is/given/that/is not
- (b) if/something/then/in return for/should be/it is so/it
- (c) self-respect/come out of/something/has/our/self/that/and/is/that2.
- (d) Oliver Twist/workhouse/in/was/born/a
- (e)knew/father/nobody/who/was/his

HINDI

प्रश्न-क. 'ज्योति आई केयर फाउंडेशन' आपकी कॉलोनी में एक कैंप लगाना चाहती है, जिसमें 50 साल से अधिक उम्र वाले स्त्री-पुरुषों की आँख संबंधी बीमारियों का निःशुल्क इलाज किया जाएगा। इस कैंप में साठ साल से अधिक आयु के लोगों को चश्मा मुफ्त दिया जाएगा। कॉलोनी के सचिव की तरफ से एक सूचना आलेख तैयार कीजिए। (10)

सूचनालेखन

Q9. The scale of a map is given as 1: 50,000. Two villages are 5 cm apart on the map. Find the actual distance between them.

Q10. Apala has Rs 200 with her, and she spent 80% from the amount she had. Calculate the money left with her.

S SC

I. Fill in the blanks.

1. The Brahmo Samaj was founded by -----.
2. In ----- (year), sati was banned.
3. ----- founded a widows' home at Poona.
4. Swami Dyanand Saraswati founded the ----- in 1875, and also supported widow marriage.
5. To be ----- means to be forced to occupy the sides or fringes and thus not to be at the centre of things.
6. Around ----- of India's population is Adivasis.
7. Many of India's most important iron and steel centres are located in Adivasis areas like -----, -----, -----, & -----.
8. People often wrongly believe that the adivasis are -----, ----- & -----.
9. In 1999, the world population reached ----- billion.
10. ----- is a country that has experienced a loss in population numbers due to out-migration or emigration.
11. More than 90 per cent of the world's population lives in about ----- per cent of the land surface.
12. ----- of the world's people stay in just 10 countries.

II. True/False

- a. Begums of Bhopal played a notable role in promoting education among women.
- b. Rammohun Roy was well versed in Sanskrit, Persian and several other Indian and European Languages.
- c. The child marriage act was passed in 1829.
- d. The 1854 Despatch on education was in favour of English being introduced as a medium of higher education in India.
- e. Many more people live north of the Equator than south of the Equator.
- f. Almost two-quarters of the world's people live in two continents Asia and Africa.
- g. Both Bangladesh and Japan are very densely populated but Japan is far more economically developed than Bangladesh. True

III. ANSWER THE FOLLOWING QUESTIONS:

1. What do you mean by 'sati'?
2. Why people such as Rammohun Roy are described as reformers?
3. What steps did Raja Ram Mohan Roy take to eradicate sati?
4. In the British period, what new opportunities opened up for people who came from castes that were regarded as "low."
5. What is the meaning of socially marginalized?
6. Name the Adivasi areas where important mining and industrial centres are located.
7. Mention the reasons that forced Adivasis to migrate.
8. Which is the most populated continent of the world?
9. In which country is the city of Osaka located?

10. Who are immigrants & Emigrants??
11. What is the average density of population in India?

SCIENCE

A. OBJECTIVE TYPE QUESTIONS

1. The time period when the body undergoes changes, leading to reproductive maturity is called _____.
- (a) Growth (b) senescence (c) development (d) adolescence
2. The loudness of a sound depends on:
- (a) its amplitude (b) its frequency. (c) its time period (d) its speed.
3. Which one of the following forces is a contact force?
- (a) force of gravity (b) force of friction (c) magnetic force (d) electrostatic force
4. Puberty in females begins at the age of _____.
- (a) 11 to 13 years (b) 16 to 18 (c) 14 to 16 years (d) 18 to 21 years
5. Two objects repel each other. This repulsion could be due to
- (a) frictional force only (b) electrostatic force only
- (c) magnetic force only (d) either a magnetic or an electrostatic force
6. For the metamorphosis of tadpoles which of the following elements must be available in water?
- (a) chlorine (c) sulphur (b) carbon (d) iodine
7. The protruding part of the throat of boys is called as _____.
8. The process of change from larva to adult is called _____.
9. A charged body _____ an uncharged body towards it
10. In females, the uterine wall thickens to receive the _____.
11. All human beings have _____ pairs of chromosomes in nuclei of their cells.
12. To draw water from a well we have to _____ the rope.
13. The south pole of a magnet _____ the north pole of another magnet.
14. For the human ear the range of audible frequencies is roughly from _____ Hz to _____ Hz.

B. VERY SHORT AND SHORT ANSWER TYPE QUESTIONS

15. a) Define balanced diet?
- b) List the changes in the body that takes place at puberty?
16. A force of 100 N is applied on an area of 4 m². Compute pressure being applied on the area.

17. List sources of noise pollution in your surroundings?

18. Write short notes on: (I) Adams apple (II) Sex determination in the unborn baby

19. A blacksmith hammers a hot piece of iron while making a tool. How does the force due to hammering affect the piece of iron?

20. Sketch larynx and explain its function?

21. Mention any two features each that are seen in boys and girls each to distinguish them from each other at puberty.

22. A force of 800 N is applied on an area of 40 m^2 . Compute pressure being applied on the area.

23. List the harmful effects of noise pollution.

24. What changes occur in human beings during puberty?

25. Sketch larynx and explain its functions in your own words?

26. What is force? State the difference between contact and non-contact force.

C. LONG ANSWER TYPE QUESTIONS

27. (a) Differentiate between noise and music.

(b) Two astronauts are floating close to each other in space. Can they talk to each other without using any special device. Give reasons

28. What are the effects of the application of force on an object? Explain.

29. Differentiate between noise and music? Explain in what way noise pollution is harmful to humans.

30. Name the forces acting on a plastic bucket containing water held above the ground level in your hand. Discuss why the forces acting on the bucket do not bring a change in its state of motion.

COMPUTER SCIENCE

Q1 .Tick the correct option for each of the following.

i). _____ provides an easy way to collect required information from web page visitors.

- a) Link b) Form c) Image

ii). An _____ style sheet is used to define a style for a single HTML page.

- a) Inline b) External c) Internal

iii). An electronic storefront, also called an _____.

- b) Online catalogue b) Online auction c) Shopping cart

iv). _____ is an Indian e-commerce company based in Bengaluru, India.

- b) Snapdeal b) Flipkart c) Amazon

Q2. Fill in the blanks with appropriate words.

- a. _____ attribute is used to replay the file once it is finished.
b. The _____ tag is used for linking current document to multiple documents.
c. In the web browser, look for a _____ icon for security concern.
d. The term _____ refers to the worldwide collection of blogs

Q3. Write 'T' for true and 'F' for false.

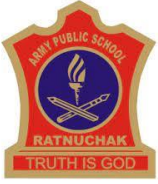
- a. By adding multimedia, website messages get enhanced.
b. External style sheets define formatting and layout instructions.
c. A secure website has 'https' instead of 'http' in web address.
d. The blog that contains video is sometimes called video blog or vlog.

SANSKRIT

1. गीतायां कति अध्यायाः सन्ति तेषां नामानि कानि च। 10

2. स्वपरिचय लेखनम्। 10

3. नवम् एवं दशंपाठे दत्त्वा शब्दार्थं लेखनं स्मरणं च। 5



ARMY PUBLIC SCHOOL RATNUCHAK
MULTIPLE ASSESSMENT ACTIVITY
SESSION 2023-24
CLASS IX

ENGLISH

Q1. The following passage has not been edited. There is one error in each line. Identify the error and write it along with the correction. The first one has been done for you as an example.

(5Marks)

	Error	Correction
During a summer holidays I accompanied my	a	the
friend from his village. It was a small place consisting	(a)	
of about 200 houses. The villagers are simple people	(b)	
and very hospitable. The natural scenery or fresh	(c)	
air were very soothing. I stayed here for three days	(d)	
and enjoyed myself in a lap of nature.	(e)	

Q2. Choose the correct form of the verb that agrees with the subject.

(5Marks)

1. Annie and her brothers (is, are) at school.
2. Either my mother or my father (is, are) coming to the meeting.
3. The dog or the cats (is, are) outside.
4. Either my shoes or your coat (is, are) always on the floor.
5. George and Tamara (doesn't, don't) want to see that movie.
6. Benito (doesn't, don't) know the answer.
7. One of my sisters (is, are) going on a trip to France.
8. The man with all the birds (live, lives) on my street.
9. The movie, including all the previews, (take, takes) about two hours to watch.
10. The players, as well as the captain, (want, wants) to win.

Q3. Complete the sentences using the correct form of the verb in brackets.

(5Marks)

1. After I _____ my old house, I _____ looking for a new one to buy. (SELL, START)
2. Ann _____ at the airport. I'll go and meet her. (JUST ARRIVE)
3. Where _____ your holidays this summer? (YOU SPEND)
4. I _____ the weekend in New York. - _____ to come with me? (SPEND, YOU WANT)
5. They usually _____ golf on Saturday afternoon, but this weekend they _____ up north to their relatives. (PLAY, TRAVEL)
6. My daughter _____ me where she is, so I _____ her whereabouts. (NEVER TELL, NOT KNOW)
7. What _____ yesterday afternoon? – I _____ the car while my wife _____ the house. (YOU DO, REPAIR, CLEAN)
8. Have you got a driving licence? – Yes, I do, but I _____ a car for ages. (NOT DRIVE)
9. Why _____ so fast today? You normally _____ much slower. (YOU WALK, WALK)
10. _____ by plane? – Yes, I _____ to America a few years ago. (EVER TRAVEL, FLY)

Q4. Choose the appropriate determiners from the box and fill in the blanks in the following sentences. **5Marks)**

This, these, those, my, our, their, your, several, many, both, each, some, either-or, neither-nor

- a) I have a book. I will write _____ name on _____ book. We will write _____ names on _____ books.
- b) The children are walking with _____ parents.
- c) I rang him up _____ times but there was no reply.
- d) These curtains are _____ too long _____ too short for the windows.
- e) _____ reward _____ punishment has any effect on these boys.

Q5. Change the following sentences into Indirect Speech:
(5Marks)

1. **Direct** : He said, "Honesty is the best policy."
2. **Direct** : Satish said to me, "I am very happy here."
3. **Direct** : The student said to the teacher, "I am sorry that I am late."
4. **Direct** : I said to him, "When will you go there?"
5. **Direct** : My friend said to Deepak, "Have you ever been to Agra?"
6. **Direct** : The captain said to the soldiers, "Attack the enemy."
7. **Direct** : I said to him, "Please bring me a glass of water."
8. **Direct** : He said to me, "May you live long!"
9. **Direct** : The students said, "Alas! I wasted my time last year."
10. **Direct** : He said to me, "Will you listen to me?"

HINDI

प्रश्न-1 दिए गए उपसर्गों का प्रयोग करते हुए 5-5 शब्द बनाएं - (10)

- क. अभि - : _____
- ख. प्र - : _____
- ग. अनु - : _____
- घ. उप - : _____
- ङ. प्रति - : _____

प्रश्न-2 दिए गए प्रत्ययों का प्रयोग करते हुए 5-5 शब्द बनाएं - (10)

- क. इक- : _____
- ख. आस- : _____
- ग. इया- : _____
- घ. लु- : _____
- ङ. इत- : _____

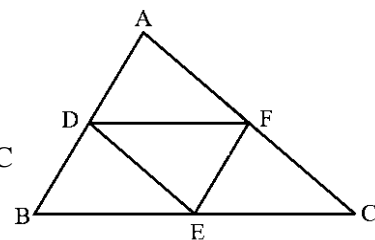
प्रश्न-3. 'अनुशासन' का जीवन में महत्व' विषय पर अनुच्छेद लिखिए | (5)

MATHS

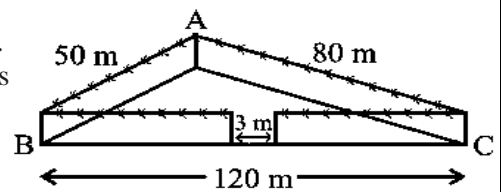
MULTIPLE ASSESSMENT

MARKS:25

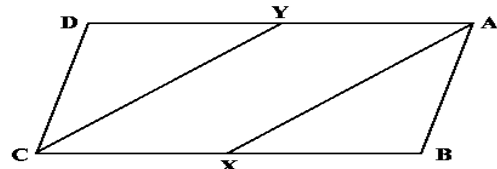
- Q1. Show that each angle of a rectangle is a right angle.
- Q2. Show that the bisectors of angles of a parallelogram form a rectangle.
- Q3. In ΔABC , D, E and F are respectively the mid-points of sides AB, BC and CA(see Fig.). Show that ΔABC is divided into four congruent triangles by joining D, E and F



- Q4. A triangular park ABC has sides 120m, 80m and 50m (see Fig. 12.7). A gardener *Dhania* has to put a fence all around it and also plant grass inside. How much area does she need to plant? Find the cost of fencing it with barbed wire at the rate of Rs 20 per metre leaving a space 3m wide for a gate on one side.



- Q5. In Fig, AX and CY are respectively the bisectors of the opposite angles A and C of a parallelogram ABCD. Show that $AX \parallel CY$.



- Q6. The sides of a triangular plot are in the ratio of 3 : 5 : 7 and its perimeter is 300 m. Find its area.
- Q7. 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 m² a year. A company hired one of its walls for 6 months. How much rent did it pay?
- Q8. 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.
- Q9. Following is the frequency distribution of total marks obtained by the students of different sections of Class IX.

Marks	100 - 150	150 - 200	200 - 300	300 - 500	500 - 800
Number of students	60	100	100	80	180

Draw a histogram for the distribution above.

Q10. Following table gives the distribution of students of sections A and B of a class according to the marks obtained by them.

Section A		Section B	
Marks	Frequency	Marks	Frequency
0 - 15	5	0 - 15	3
15 - 30	12	15 - 30	16
30 - 45	28	30 - 45	25
45 - 60	30	45 - 60	27
60 - 75	35	60 - 75	40
75 - 90	13	75 - 90	10

SSC

- 1 What are Tropical Rain Forests?
- 2 What does 'Natural Vegetation' mean?
- 3 Name any three medicinal plants found in India with atleast one use of each.
- 4 Name some of the important species of Moist Deciduous Forests.
- 5 Right to Constitutional Remedies is a very special right". What is so special about this right?
- 6 What is Public Interest Litigation?
- 7 India is a secular state'. Justify by giving examples.
- 8 Define the rule of law. Do you think the rule of law prevails in India?
- 9 What are the indicators used by social scientists to understand poverty?
- 10 How were the British policies responsible for the increase in poverty in India?
- 11 What does social exclusion mean?
- 12 What do you know about 'Nazi schooling'?
- 13 What is hyperinflation? What were the factors that led to hyperinflation in Germany?
- 14 Describe the effect of Great Economic depression on Germany?
- 15 How did the Great Economic Depression affect Germany?

SCIENCE

A. OBJECTIVE TYPE

1. SI unit of pressure is
a. Pascal b. Newton c. N/m d. km/hr
2. How thrust and pressure are related
a. Pressure = thrust/area b. area = thrust c. pressure = 1/area d. thrust = 1/pressure
3. When a body is submerged in a liquid its weight
a. Remains same b. increases c. decreases d. reduces to 0
4. A block of ice is floating on water in a beaker. When all the ice melts the level of water
a. Increase b. decreases c. remains same d. no change
5. Atomic mass of chlorine is
a. 35.5 b. 7 c. 43 d. 0
6. The atomic symbol of iron is
a. Fe b. Ir c. I d. Ir

7. 1 a.m.u is equals to
a. $1/12^{\text{th}}$ mass of C-12 b. mass of C-12 c. mass of O-16 d. mass of H
8. Atomic number of Ne is
a. 10 b. 02 c. 14 d. 18
9. The formula of ethanol is $\text{C}_2\text{H}_5\text{OH}$. What will be its molecular mass?
10. Term for Species with charge. (one word)
11. Distinguish between molecular mass and molar mass.
12. Name one fishes which is a surface feeder. (one word)

B. VERY SHORT AND SHORT ANSWER TYPE QUESTIONS

13. Which method is commonly used for improving cattle breeds and why?
14. Write down the formula of: (i) Sodium Oxide (ii) Aluminium Chloride
(iii) Sodium Sulphide (iv) Magnesium Hydroxide
15. State the factors on which upthrust or buoyant force depends
- 16 Explain, why a truck or a motor bus has much wider tyres ?
17. What are macro-nutrients, and why are they called macronutrients?
18. b) Give difference between culture fishing and capture fishing
19. What is a Genetically Modified crop? Name any one such crop which is grown in India
20. Define a) molecular mass b) Formula unit mass c) Molar mass d) Relative atomic mass
21. A body possess potential energy of 460 J whose mass is 20 kg and is raised to a certain height. What is the height when $g = 10 \text{ m/s}^2$.
22. Name an element which is a) Tetra atomic b) Octa- atomic c) Triatomic
23. Explain the following:
(a) An object increases its energy when raised through a height.
(b) Energy is neither created nor destroyed then from where do we get energy.
(c) When we push the wall, the wall does not move and no work is done.
24. What are the different cropping systems?

C. LONG ANSWER TYPE QUESTIONS

25. Define Atomic Mass. Explain why chlorine, whether as the element or its compounds, always has relative atomic mass of about 35.5.
26. A Define Archimedes principle. State its importance.
B. Two blocks, one of iron and other of wood are immersed in water at the same depth. Will both come upward ? Why?
i)
- 27.. Write the chemical formula of
a. Magnesium sulphate
b. Sodium chloride
c. Water
d. Ammonium sulphate
e. Carbon dioxide
28. What are green manure and vermicomposting?
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