

एंजिल्स एकेडमी सीनियर सेकेंडरी स्कूल

प्रश्न भंडार पेन पेपर परीक्षा - 1

कक्षा – VII (2024-25)

विषय – हिंदी

साहित्य

अति लघु प्रश्नोत्तर

1. पिंजरे में रहकर पक्षी क्या नहीं कर पाएंगे?
2. 'कनक' शब्द का अर्थ है-
3. "पाठ-१" कवि एवं कविता का नाम लिखिए।
4. पिंजरे में पक्षी क्या-क्या भूल जाते हैं?
5. पक्षी क्या सपना देखते हैं?
6. 'फुनगी' शब्द का अर्थ होता है-
7. पिंजरे में कैदी पक्षियों के साथ क्या हुआ?
8. 'अनार के दाने' किसके प्रतीक हैं?
9. हिमालय की यात्रा में लेखक ने किन-किन वस्तुओं की प्रशंसा की है?
10. "मिठाईवाला" पाठ के रचनाकार का नाम लिखिए।

लघु प्रश्नोत्तर

11. काका कालेलकर ने नदियों को लोकमाता क्यों कहा है?
12. नदियों को माँ मानने की परंपरा हमारे यहाँ काफी पुरानी है। लेकिन लेखक नागार्जुन उन्हें और किन रूपों में देखते हैं?
13. लेखक के दिल में नदियों के लिए आदर और श्रद्धा के भाव क्यों थे?
14. मिठाईवाले में वे कौन से गुण थे जिनकी वजह से बच्चे तो बच्चे, बड़े भी उसकी ओर खिंचे चले आते थे?
15. हर तरह की सुख – सुविधाएँ पाकर भी पक्षी पिंजरे में बंद क्यों नहीं रहना चाहते?
16. राय विजय बहादुर के कितने बच्चे थे?

दीर्घ प्रश्नोत्तर

17. हिमालय की बेटियाँ" पाठ का उद्देश्य क्या है?
18. खिलौनेवाले के आने पर बच्चों की क्या प्रतिक्रिया होती थी?
19. अब इस बार ये पैसे न लूँगा'-कहानी के अंत में मिठाईवाले ने ऐसा क्यों कहा?

व्याकरण

निम्नलिखित प्रश्नों के उत्तर दीजिए।

20. भाषा के स्थानीय रूप को क्या कहते हैं?
21. वह विद्या जो भाषा के शुद्ध प्रयोग के नियमों का ज्ञान दे क्या कहलाती है?
22. वर्ण किसे कहते हैं? वर्ण के प्रकार उदाहरण सहित बताइए।
23. व्यंजन के कितने भेद हैं उनके उदाहरण भी दीजिए।
24. उत्पत्ति के आधार पर शब्दों के कितने भेद हैं?
25. शब्दों को कितने भागों में वर्गीकृत किया गया है?
26. अर्थ के आधार पर शब्द के कितने भेद हैं?
27. प्रयोग के आधार पर शब्द के भेद कौन से हैं?
28. संस्कृत के वे शब्द जो हिंदी में अपने मूल रूप में प्रयोग किए जाते हैं उन्हें क्या कहते हैं?
29. आम बोलचाल की भाषा में हिंदी भाषा में आए शब्द क्या कहलाते हैं?
30. दो भिन्न भाषाओं के योग से बने शब्द क्या कहलाते हैं?

31. जिस समस्त पद में दोनों पद प्रधान हो वे कौन से समास कहलाते हैं?
32. तत्सम तथा तद्भव में क्या अंतर है?
33. समास क्या है इसके कितने भेद होते हैं?
34. कर्मधारय एवं बहुव्रीहि समास में अंतर स्पष्ट कीजिए।
35. निम्नलिखित विग्रह से समस्त पद बनाइए और उसका समास भी लिखिए।
 i) जन्म भर ii) नर और नारी iii) नवरत्नों का समूह iv) वन में वास
 v) लंबा है उदर जिसका vi) घोड़े पर सवार v) पथ से भ्रष्ट
36. निम्नलिखित समस्त पदों का विग्रह कीजिए और समास का नाम भी लिखिए।
 i) पंचवटी ii) देश प्रेम iii) पथभ्रष्ट
 iv) चौराहा v) यथासंभव vi) दाल रोटी
37. निम्नलिखित रेखांकित पदों के स्थान पर समस्त पद लिखकर वाक्य को पुनः लिखिए।
 i) माताजी रसोई के लिए घर में चाय बना रही है।
 ii) राजा और रंक प्रभु के सामने समान है।
 iii) गीता भवन में कई यज्ञ के लिए शाला बनी हुई है।
 iv) सर्वप्रथम गज है आनन जिसकी आराधना की जाती है।
 v) शिवालय में हमने नीला है कंठ जिसका को नमन किया।

महाभारत कथा

निम्नलिखित प्रश्नों के उत्तर दीजिए।

- 38 तरुणी का क्या नाम था?
- 39 किस ऋषि ने प्रसन्न होकर कुंती को आशीर्वाद दिया?
- 40 विदुर धृतराष्ट्र से बार-बार क्या आग्रह करते थे?
- 41 राजा शूरसेन की कन्या का क्या नाम था?
- 42 कुंती भोज कौन थे?
- 43 पेटी में बंद बच्चे पर किसकी नजर पड़ी?
- 44 अधिरथ कौन था?
- 45 विचित्र वीर्य की रानी का क्या नाम था?
- 46 द्रोपदी को साथ लेकर वन की ओर कौन जा रहे थे?
- 47 सत्यवती ने राजा शांतनु को किसकी अनुमति लेने को कहा?
- 48 राजा शांतनु किस प्रकार प्रफुल्लित मन से नगर लौट आए?
- 49 सत्यवती के पिता का क्या नाम था?
- 50 राजा शांतनु कहां घूमने गए थे?
- 51 केवट राज ने राजा शांतनु से क्या वचन मांगा?
- 52 गंगा के पुत्र का क्या नाम था?
- 53 देवव्रत ने किससे शिक्षा ग्रहण की?
- 54 अंबा राजाओं को किसके साथ युद्ध करने को कहती है?
- 55 चित्रांगदा ने किसके साथ युद्ध किया?
- 56 अंबा किसको चाहती थी?
- 57 अंबा ने किसका रूप धारण किया?
- 58 धृतराष्ट्र ने किसको बुलावा भेजा?
- 59 धृतराष्ट्र को किसकी सलाह की जरूरत नहीं थी?
- 60 राजा शूरसेन कौन थे?
- 61 क्षेत्र में सफाई की ओर ध्यान दिलाते हुए स्वास्थ्य अधिकारी को पत्र लिखिए।
- 62 आवश्यक कार्य हेतु तीन दिन के अवकाश लेने हेतु अपनी प्रधानाचार्या जी को प्रार्थना पत्र लिखिए।

ANGELS' ACADEMY SR. SEC. SCHOOL
QUESTION BANK FOR PEN PAPER TEST -1
CLASS–VII (2024-25)
SUBJECT- ENGLISH

SECTION-A (READING)

1. Read the following passage and answer the questions carefully.

Language is the way we talk and share our thoughts. As we learn and grow, we become better at reading, writing, and speaking. Reading introduces us to new ideas, stories, and different cultures. It expands our knowledge. Writing allows us to express our thoughts clearly, and speaking helps us become more confident communicators. In addition, we get to explore the world of literature. In literature, stories and poetry use words to create pictures. The literature conveys emotions, and delivers important messages. It's like a journey through the world of language, where words become our friends and tools to express ourselves and better understand the world. Language is a key that opens doors to knowledge and connection. It's a skill that stays with us throughout our lives. Language enables us to share our experiences, emotions, and ideas with others, making the world a more connected and expressive place.

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

- i. What does language allow us to do, according to the passage?
- ii. How does reading help us in our learning journey?
- iii. What is the role of writing in communication, as mentioned in the passage?
- iv. Write a synonym for “**expresses**” as used in the passage.
- v. What is the opposite of “**contract**” as described in the passage?

2. Read the following passage and answer the questions carefully.

Once there was a village called Peru. There was a boy named Max who loved playing in nature. He enjoyed chasing butterflies and talking to birds. One sunny morning, while Max was in the woods, he found a small injured bird. Max took care of the bird, and they became friends. When the bird got better, it flew away, and Max felt really happy. Max learned that being kind to others, even little birds, can make great friendships. It showed him that friends can be found in unexpected places and that kindness is a special way to connect with others.

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

- i. What did Max find in the woods one sunny morning?
- ii. What important lesson did Max learn from his experience?
- iii. Where did Max discover the injured bird?
- iv. Provide a synonym for “surprising” as used in the passage.
- v. What is the opposite of “Unkindness” in the passage?

SECTION-B(CREATIVE WRITING SKILL & GRAMMAR)

- 3. Write a letter to a friend living in another city. Write about your city, the type of people, the important place, the climate etc.**
- 4. Write an application to the principal requesting for leave for an urgent piece of work.**

5. Write a letter congratulating your cousin on achievement.
6. Write a letter to your experience of the recent trip.
7. You are Kajal/Nishant living at 172-C, Shastri Nagar, Meerut. You have been declared first in all the sections of class VII. Write a letter to your friend informing him/her of your success.
8. You are living at B-251, Park Avenue, Mumbai. Write a letter to your cousin telling him about the importance of sports and games in life.
9. Write a letter to your uncle in Jaipur asking him to tell you about the historical importance of Jaipur.
10. You have recently received the first prize in an inter –school calligraphy competition held in your school. Write a letter to your father about it.

11. Identify the type of Sentences.

- i. How well she sings!
- ii. She writes with her hand.
- iii. Please be seated.
- iv. Did I say anything to make you angry?

12. Rearrange the following sentences. Also circle the Nouns in each sentence.

- i. has/heritage /rich/India/a
- ii. parts/many/coffee/popular/in/world/the/is/very/of
- iii. Mohit/ and/skating/Saturday/went/on/Preeti
- iv. Mr. Nath/facts/has /Maya/about/written/some

13. State the type of each highlighted Noun.

- i. **Perseverance** leads to success. _____
- ii. A **kangaroo** carries its baby in a pouch. _____
- iii. A thing of **beauty** is a joy forever. _____
- iv. A **flock** of sheep grazed by the hillside. _____
- v. **Cheraw** is a popular folk dance of Mizoram. _____
- vi. We saw a **fleet** of ships in the harbor. _____

14. Fill in the blanks with the appropriate Pronouns.

- i. _____ left her project file at home.
- ii. _____ is the first Indian to go into space?
- iii. God helps those who help _____.
- iv. Alka Sharma is my name. _____ am your neighbor.
- v. I cannot find Marry anywhere. Where is _____?
- vi. People of a nation should live in harmony with _____.

SECTION -C (LITERATURE)

15. Read the following extract and answer the questions that follow:

The king, therefore, sent messengers throughout his kingdom, promising a large sum of money to anyone who would answer these three questions.

Many wise men came to the king, but they all answered his questions differently.

In reply to the first question, some said the king must prepare a time table, and then follow it strictly at its proper time. Others said that it was impossible to decide in advance the right time for doing something.

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

- i. Why did the king send the messengers?
- ii. What happened when the wise men came?
- iii. What was the first question?
- iv. What kind of answer did the king receive for his first question?
- v. Why was the king not satisfied with the answers?

16. Read the following extract and answer the questions that follow:

**He wore a question mark for tail,
An overcoat of gray,
He liked to tease and play,
And if we ran around his tree,
He went the other way.**

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

- i. Who is the author of the poem?
- ii. Who went the other way?
- iii. Give a synonym for like in the poem?
- iv. In the stanza which word rhymes 'play'?
- v. What did the squirrel do if someone came too close to his tree?

17. Answer the following questions in about 30-40 words each.

- i. How did the king and the hermit help the wounded man?
- ii. "He liked to tease and play". Who is teasing whom?
- iii. Why was the king advised to go to magicians?
- iv. What is the secret that Meena shares with Mridu in the backyard?
- v. How does Ravi get milk for the kitten?

18. Answer the following questions in about 40-60 words each.

- i. What were the hermit's answers to the three questions?
- ii. Describe the music teacher, as seen from the window?
- iii. What was in the cat's name that pleased Mridu?
- iv. The king forgave the bearded man. What did he do to show his forgiveness?
- v. Why did he ask for the King's forgiveness?

19. Answer the following questions in about 30-40 words.

- i. How long does it take for a grub to become a complete ant?
- ii. Why do the worker ants carry the grubs about?
- iii. What are grubs?
- iv. What jobs are new ants trained for?
- v. Name some creatures that live in anthills.

20. Answer the following questions in about 40-60 words.

- i. Mention three things we can learn from the 'tiny teacher'. Give reasons for choosing these items.
- ii. In what way is an ant's life peaceful?
- iii. What problems are you likely to face if you keep ants as pets?

ANGELS' ACADEMY SR. SEC. SCHOOL
QUESTION BANK FOR PEN PAPER TEST-1
CLASS - VII (2024-25)
SUBJECT: MATHEMATICS

Solve the following questions:

1. Write all the integers between -9 and -2 in ascending order.
2. Evaluate each of the following:
 - (i) $13 \div [(-2) + 1]$
 - (ii) $[(-6) + 5] \div [(-2) + 1]$
 - (iii) $(-31) \div [(-30) + (-1)]$
 - (iv) $[(-36) \div 12] \div 3$
3. Write two integers whose sum is 6 and difference is also 6.
4. Write five integers which are less than -100 but greater than -150 .
5. At Srinagar temperature was -5°C on Monday and then it dropped by 2°C on Tuesday. What was the temperature of Srinagar on Tuesday? On Wednesday, it rose by 4°C . What was the temperature on this day?
6. A plane is flying at the height of 5000 m above the sea level. At a particular point, it is exactly above a submarine floating 1200 m below the sea level. What is the vertical distance between them?
7. Write down a pair of integers whose
 - (i) sum is -3
 - (ii) difference is -5
 - (iii) difference is 2
 - (iv) sum is 0
8. Verify the following:
 - (i) $18 \times [7 + (-3)] = [18 \times 7] + [18 \times (-3)]$
 - (ii) $(-21) \times [(-4) + (-6)] = [(-21) \times (-4)] + [(-21) \times (-6)]$
 - (iii) $(-30) \times [13 + (-3)] = [(-30) \times 13] + [(-30) \times (-3)]$
9. In a class test containing 15 questions, 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer. (i) Gurpreet attempts all questions but only 9 of her answers are correct. What is her total score? (ii) One of her friends gets only 5 answers correct. What will be her score?
10. Write a negative integer and a positive integer whose difference is -3 .

11. Find each of the following products:

(i) $(-18) \times (-10) \times 9$ (ii) $(-20) \times (-2) \times (-5) \times 7$
(iii) $(-1) \times (-10) \times (-2) \times 0$ (iv) $13 \times (-2) \times 1$

12. An elevator descends into a mine shaft at the rate of 5 meter per minute. What will be its position after one hour? If it begins to descend from 15 m above the ground, what will be its position after 45minutes?

13. A certain freezing process requires that room temperature be lowered from 40°C at the rate of 5°C every hour. What will be the room temperature 10 hours after the process begins?

14. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer. (i) Radhika answered all the questions and scored 30 marks though she got 10 correct answers. (ii) Jay also answered all the questions and scored (-12) marks though he got 4 correct answers. How many incorrect answers had they attempted?

15. Write five pair of integer (a, b) such that $a \div b = -3$.

16. A square paper sheet has $10\frac{2}{5}$ cm long side. Find its perimeter and area.

17. Find: (i) $7.75 \div 0.25$ (ii) $42.8 \div 0.2$
(iii) $76.5 \div 0.15$ (iv) $37.8 \div 1.4$

18. Find the product of $\frac{6}{7}$ and $2\frac{2}{3}$.

19. What is the cost of 27.5 m of cloth at ₹ 53.50 per meter?

20. Saili plants 4 saplings, in a row, in her garden. The distance between two adjacent saplings is $\frac{3}{4}$ m. Find the distance between the first and the last sapling.

21. The length of a rectangle is 7.1 cm and its breadth is 2.5cm. What is the area of the rectangle?

22. In a class of 40 students $\frac{1}{5}$ of the total number of students like to study English, $\frac{2}{5}$ of the total number like to study mathematics and the remaining students like to study Science.
(i) How many students like to study English?
(ii) How many students like to study Mathematics?
(iii) What fraction of the total number of students like to study Science?

23. Multiply $\frac{13}{3}$ by the reciprocal of $\frac{-6}{65}$.

24. Multiply and express as a mixed fraction:

(i) $3 \times 5\frac{1}{8}$ (ii) $5 \times 6\frac{3}{4}$

$$(iii) 3 \times 1\frac{4}{6}$$

$$(iv) 3 \times \frac{2}{5}$$

25. A car covers a distance of 89.1 km in 2.2 hours. What is the average distance covered by it in 1 hour?

26. Arrange the fractions $\frac{1}{2}, \frac{2}{3}, \frac{4}{5}$ in descending order.

27. Find the value of the following:

$$(i) \frac{1}{7} \div \frac{2}{3}$$

$$(ii) 3\frac{1}{8} \div 2\frac{1}{4}$$

$$(iii) 3\frac{1}{2} \div 1\frac{3}{4}$$

$$(iv) \frac{1}{5} \div \frac{7}{25}$$

28. Find the products:

$$(i) 2.4 \times 0.05$$

$$(ii) 1.24 \times 1.5$$

$$(iii) 1.08 \times 0.3$$

$$(iv) 158.3 \times 2.9$$

DIRECTION :

In the given question a statement of Assertion (A) is followed by a statement of Reason(R).

Choose the correct option:

- (a) Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
- (b) Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- (c) Assertion is true but Reason is false.
- (d) Assertion is false but Reason is true

29. **Assertion (A)** – Addition is not commutative for integers.

Reason (R) – Product of two negative integers is a positive integer.

30. **Case Study :**

Integers include positive numbers, negative numbers, and zero. 'Integer' is a Latin word which means 'whole' or 'intact'. This means integers do not include fractions or decimals. The set of integers is represented by the letter Z and it is written as shown below:

$$Z = \{\dots -7, -6, -5, -4, -3, -2, -1, 0, 1, 2, 3, \dots\}$$

(i) Subtract : (a) 3 from -4

(b) -3 from -4

(ii) Temperature of a place at 12:00 noon was $+5^{\circ}\text{C}$. Temperature increased by 3°C in first hour

and decreased by 1°C in the second hour. What was the temperature at 2:00 pm?

OR

A certain freezing process requires that room temperature be lowered from 40°C at the rate of 5°C every hour. What will be the room temperature 10 hours after the process begins?

(iii) Write a negative integer and a positive integer whose sum is -5 .

ANGELS' ACADEMY SR. SEC. SCHOOL
QUESTION BANK FOR PEN PAPER TEST -1
CLASS-VII (2024 – 25)
SUBJECT-SCIENCE

- 1- Human beings can be categorised as -
a) Heterotrophic b) Autotrophs c) Parasites d) Saprotrophs
- 2- Green pigment in the leaves is called -
a) Haemoglobin b) Globulin c) Albumin d) Chlorophyll
- 3- Which one of the following is a parasite ?
a) Lichen b) Cucuta c) Pitcher plant d) Rhizobium
- 4- Which mark is necessary on electric appliances?
a) AGMARK b) ISI c) FICCI d) KSK
- 5- The coil of wire contained in an electric heater is known as
a) Component b) Element c) circuit d) Spring
- 6- What is the full form of MCB?
a) Mini circuit breaker b) Multi circuit breaker
c) Mini circuit break d) Miniature circuit breaker

In the context of the statement below, which one of the following is correct?

- (a) Both assertion (A) and reason (R) are true, and R is the correct explanation of A.
(b) Both A and R are true, but R is not the correct explanation of A
(c) A is true, but R is False.
(d) A is false, but R is true.

7-Assertion (A): Green plants synthesis food for themselves by the process of photosynthesis and are called heterotrophs.

Reason (R): Many fungi derive nutrition from dead and decaying matter are called Saprotrophs.

8-Assertion (A): Glowing electric bulb becomes warm.

Reason (R): The heat that is responsible for the production of light in the filament heats up the bulb.

9-What is symbiotic relationship? Give example.

10- Which gas released during Photosynthesis?

11- What are stomata?

12- Describe the structure of stomata.

14- What is cell ?

15- Describe the structure of cell .

16- Define - Types of circuit.

17- How does an electric bell work?

18- What is filament?

19-Who discovered the magnetic effects of electric current?

20- Name some components of electric circuit.

21- Give two applications of the heating effect of electric current.

22- Explain mechanism of insects eating by pitcher plant with the help of diagram.

23- Which gas is released during Photosynthesis?

24- Why are the leaves generally green?

25- What are Saprotrophs?

26- Distinguish between a parasite and a Saprotrophs.

27-Give a brief description of the process of synthesis of food in green plants.

28- Why do farmers grow many fruits and vegetables crops inside large green house? What are the advantages to the farmers?

29- Do you think an electromagnet can be used for separating plastic bags from a garbage heap? Explain.

30- Case study –

The leaves have green pigment called Chlorophyll. It helps leaves to capture the energy of the sunlight. This energy is used to synthesis food from Carbon dioxide and water .since the synthesis of food occurs in the presence of sunlight .

- a) In this paragraph which process is discussed?
- b) Name them -green pigment play an role in photosynthesis.
- c) Solar energy convert in -----during the photosynthesis.

ANGELS' ACADEMY SR.SEC. SCHOOL
QUESTION BANK FOR PEN PAPER TEST -1
CLASS – VII (2024-25)
SUBJECT-SOCIAL SCIENCE

SECTION-A

Multiple choice questions:

1. Cartographer is a person who makes:
a) Cartoons b) Buildings c) Maps d)None of these
2. In which year Babur used Hindustan to describe geography of subcontinent?
a) 17th century b) 18th century c) 16th century d) None of these
3. Which of the following is not the meaning of 'foreigner' in the past?
a) Stranger b)Pardesi c) Ajnabi d) Indigenous
4. Which type of people collected manuscript?
a) Poor people b) Wealthy people c) Local people d) None of these
5. Which one of the following is life support system?
a) Music system b) Environment c)Transportation d) None of these
6. The domain of water is referred to
a) Hydrosphere b) Atmosphere c) Biosphere d) None of these
7. When is the world environment day celebrated every day?
a)25th Dec b)23th June c) 23rd Jan d)5th June
8. What does democracy mean?
a) Equal right to vote b) Universal right to vote c) Discrimination d) All of these
9. According to the universal adult franchise every adult has:-
a) No vote b) One vote c) multiple vote d) All of these
10. What is not the element of equality?
a) Justice b) Religion c) Wealth d) Health

Answer the following questions in one word or in one sentence:

11. Name two community of Islam.
12. Name any one cartographer.
13. Name an Arab geographer.
14. What are the sources of studying history?

15. Name two components of natural environment.
16. Give example of biotic resources.
17. What constitute lithosphere.
18. Which force supports the atmosphere around earth?
19. What is the percentage of saline water on the earth?
20. What is the percentage of normal water on the earth?
21. What is manuscript?
22. What is biography?
23. What is autobiography?
24. What is inscriptions?
25. What is dynasty?

SECTION-B

Answer the following questions in about (20-40) words:

26. What is environment?
27. What is ecosystem?
28. What is lithosphere?
29. What is hydrosphere?
30. What is atmosphere?
31. What is biosphere?
32. What is archive?
33. Who are patrons?
34. Describe universal adult franchise?

Answer the following questions in about (60 -80) words:

35. Explain Civil right movement?
36. Difference between biotic and abiotic components of environment?
37. Write Article 15 and state two ways in which this article addresses inequality?
38. Who was considered foreigner in the past?
39. List some of the technological changes associated with this period.
40. What were some of the major religious developments during this period?
41. What do you mean by natural environment?
42. Which are the major components of the environment?
43. Give four examples of human made environment.
44. What are the two major components of biotic environment?

Answer the following questions in about (80-100) words:

45. In a democracy why is universal franchise important?
46. What do you understand by the term "all person are equal before the law"?
47. Draw a labelled diagram of Domain of the earth and explain all the domains.
48. What is Mid Day Meal scheme? Explain.
49. Give reason why man modifies his environment.
50. Give reason why plants and animals depend on each other.

ANGELS' ACADEMY SR. SEC. SCHOOL
QUESTION BANK FOR PEN PAPER TEST - 1
CLASS – VII (2024-25)
SUBJECT - COMPUTER
SECTION – A

Tick (✓) the correct answer.

1. Which of the following appear as useful programs but actually a threat for computers?
a) Trojans b) Viruses c) Worms d) Firewalls
2. Which of the following is an objective of a Malware?
a) Providing remote control for an attacker to use an infected machine.
b) Investigating the infected users local network
c) Stealing sensitive data
d) All of these
3. 'Malware' is short for _____.
a) Malicious hardware b) Malicious Software c) Both a and b d) None of these
4. Which of the following is a program that copies itself throughout a computer network?
a) Worms b) Trojans c) Viruses d) Rootkits
5. What is AI winter?
a) The time of the year when AI researchers meet at a major conference(AAAI)
b) The period in the last century when funding to AI in companies went down.
c) AI winter competition of AI systems
d) None of these
6. Who coined the term 'Artificial Intelligence' at the Dartmouth workshop?
a) Fisher Ada b) Alan Turing c) John McCarthy d) Allen Newell
7. A technique that was developed to determine whether a machine could or could not demonstrate the artificial intelligence is known as the –
a) Boolean Algebra b) Turing Test c) Logarithm d) Algorithm
8. The characteristics of the computer system capable of thinking, reasoning, and learning is known as
a) Machine learning b) Human Intelligence
c) Artificial intelligence d) Virtual Intelligence
9. Who created the first industrial robot 'Unimate'?
a) Intimation b) Lisp c) Logic Theories d) Cybernetics

10. Which of the following malware replicate or reproduce through infection?

a) Worms

b) Trojans

c) Viruses

d) Rootkits

Fill in the blanks.

11. _____ occurs generally in the form of e-mail or through phone call.

12. The father of artificial intelligence is _____.

13. _____ is an AI based computer program designed to conduct online chat conversation with human users.

14. _____ incorporates advanced NLP and ML to become well-versed in human language.

15. _____ appear as useful program but are actually a threat for computer.

16. Malware is short for _____.

17. A technology that was developed to determine whether could or couldn't demonstrate the AI is known as the _____.

18. The characteristics of the computer system capable of thinking, reasoning, and learning is _____.

19. _____ created the first industrial robot "Unimate".

20. _____ is considered as the pioneer of AI.

SECTION-B

Short answer type questions.

21. What is a computer virus? Name some important computer viruses that have stuck in recent years.

22. Define artificial Intelligence.

23. How do computer viruses spread?

24. What is cyber security?

25. Explain the term AI winter.

26. State a few drawbacks or limitations of AI.

27. List some applications of AI.

SECTION-C

Write the difference between of the following.

28. Worm and Virus.

29. Chatbot and Digital assistant

30. Trojan and Worm

31. NLP and ML

32. Human being and AI

SECTION-D

Long answer type questions.

33. How is Ransomware used to extract money from users?

34. What are the advantages of AI?

35. How does an adware generate revenue for its creator?

36. List any 3 applications of AI in military sector.

37. How do you get recommendations for your favourite movies in online streaming platforms?

एंजिल्स एकेडमी सीनियर सेकेंडरी स्कूल

प्रश्न भंडार पेन पेपर परीक्षा-1

कक्षा – VII (2024-25)

विषय – संस्कृत

1. अधोलिखितान् गद्यांशान् पठित्वा एतदाधारित प्रश्नानाम् उत्तराणि यथानिर्देशं लिखत-

लोकमान्य बालगङ्गाधरतिलकः महान् देशभक्तः आसीत्। बाल्यकालात् एव एतस्य देशभक्तस्य रुचिः रजनीतौ आसीत्। अत एव सः विधिशास्त्रस्य अध्ययनम् अकरोत्। एषः राजद्रोही इति दोषा रोपणम् कृत्वा ब्रिटिश – सर्वकारः तम् कारागारे अक्षिपत्। सः कारावास- काले अपि प्रयत्नशीलः आसीत्। सः गीतायाः अध्ययनम् कृत्वा 'गीता रहस्यं' नाम महाग्रन्थं अरचयत्। राष्ट्रे नवचेतना जागरयितुम् सः आजीवनम् प्रयत्नं कृतवान्। एषः राष्ट्रवादी 'स्वराज्यं अस्माकं जन्मसिद्धः अधिकारः' इति अधोषयत्।

- (i) देशभक्तस्य तिलकस्य रुचिः कस्याम् आसीत्?
- (ii) सः कस्य शास्त्रस्य अध्ययनम् अकरोत्?
- (iii) सः कम् ग्रन्थम् अरचयत्?
- (iv) महान् देशभक्तः कः आसीत्?
- (v) एषः राष्ट्रवादी किम् अधोषयत्?

एक पदेन उत्तरत लिखत-

2. पृथ्वियां कति रत्नानि सन्ति?
3. पृथिवी केन धार्यते?
4. लोके वशीकृति का?
5. कूर्मस्य किं नाम आसीत्?
6. लम्बमानं कूर्मं दृष्ट्वा के अधावन्?
7. सरस्तीरे के आगच्छन्?

पूर्ण वाक्येन उत्तरत लिखत-

8. पृथ्वियां कति रत्नानि सन्ति?
9. पृथिवी केन धार्यते?
10. कच्छपः कुत्र गन्तुम् इच्छति?
11. कच्छपः कम् उपायं वदति?
12. कूर्मः मित्रयोः वचनं विस्मृत्य किम् अवदत्?
13. अर्थम् लिखत-

रत्नसंज्ञा, सहासीत्, कुर्वीत्, धनधान्यप्रयोगेषु, बहुरत्ना, मारिष्यामः, अधुना, आकाशमार्गेण, इच्छामि, गोपालकाः, विस्मृत्य

क्रियापदं लिखत

14. हंसाभ्यां सह कूर्मोऽपि।
15. अहं किञ्चिदपि न।
16. यः हितकामनां सुहृदां वाक्यं न।
17. एकः कूर्मः अपि तत्रैव।

18. अहम् आकाशमार्गेण अन्यत्र गन्तुम्।

19. वयं गृहं नीत्वा कूर्म ।

रेखांकितपदानि अधिकृत्य प्रश्ननिर्माणं कुरुत

20. सत्येन वाति वायुः।

21. सद्भिः एव सहासीत ।

22. वसुंधरा बहुरत्ना भवति।

23. सद्भिः मैत्री कुर्वति।

24. अपनी पाठ्य -पुस्तक से कंठस्थ कोई एक श्लोक अर्थ सहित लिखिए-

25. अधोलिखितपदेषु धातवः के सन्ति?

करोति ----- पश्य ----- भवेत् ----- तिष्ठति ----- पठति -----

26. संख्यवाचक शब्दाः लिखत-

13, 23, 27, 37, 9, 15, 25

27. अङ्कान् लिखत-

चतुर्विंशति, पञ्चविंशतिः, एकादश, पञ्चदश, सप्तत्रिंशतिः

28. "पितृ" शब्दरूपाणि अभ्यासम् कुरुत ।

29. "वस्" धातुरूपाणि लट्लकारः एवं लङ्ग लकारः अभ्यासम् कुरुत ।