



**Part- A**

**(1x6=6)**

**1. Answer any 6 out of the given 7 questions based on Employability Skills:**

**1. Self management is also useful in:**

- a. Reaching your goals
- b. Overcoming bad habits
- c. Creating positive habits
- d. All of the above

**2. Effective Communication required \_\_\_\_\_.**

- a. Good Reading
- b. Writing
- c. Speaking and listening
- d. All of the above

**3. The ability of send and convey message only through image or pictures are referred as a \_\_\_\_\_**

- a. Visual communication
- b. Paralanguage
- c. Gestures
- d. Posture

**4. Identifying strengths**

- a. Take time off to think about what you do well
- b. Think of anything that you are always good at
- c. Think about what others appreciate about you
- d. All of the above

**5. Thinking “No one in my class likes me” may restrict a student from freely communicating in class.**

- a. Past Experience
- b. Prejudice
- c. Visual Perception
- d. Attitude

**6. Dressing and grooming are vital since they assist us in our daily activities.**

- a. Feel confident about ourselves
- b. Look smart
- c. Make a good impression of ourselves
- d. All of these

**7. People with self-confidence have a \_\_\_\_\_ outlook.**

- a. Negative
- b. Pleasant
- c. Positive

**Part-B (1x6=6)**

**2. Answer any 6 out of the given 7 questions based on Employability Skills:**

**1. This is a system of Programs and Data-Structures that mimics the operation of the human brain:**

- a. Intelligent Network
- b. Decision Support System
- c. Neural Network
- d. Genetic Programming

**2. A \_\_\_\_\_ is a flexible house setup in which appliances and devices may be managed remotely using a mobile or other networked device from anywhere with an internet connection.**

- a. Smart Home
- b. Smart City
- c. Smart Class
- d. None of these

**3. What are the companies that make use of AI**

- a. Google
- b. Apple
- c. Amazon
- d. All of these

**4. A collection of rules called \_\_\_\_\_ offers guidance on the creation and results of artificial intelligence.**

- a. AI ethics
- b. AI Bias
- c. AI Access
- d. None of these

**5. Which of the following AI domain collects data, maintain the datasets and derives the meaning out of it?**

- a. Data Science
- b. Computer Vision
- c. Natural Language Processing
- d. Neural Network

**6. What is the percentage of data utilized in a training dataset?**

**7. Which of the following is NOT a subfield or component of Artificial Intelligence domain?**

- a. Neural Network
- b. Natural Language Generation
- c. Machine Transformation
- d. Machine Learning

**Part – C**

**(1x8=8)**

**3. Answer any 8 out of the given 9 questions based on Subjective Skills:**

**1. What are the different reliable sources to collect the data in AI?**

- a. Surveys & Web Scraping
- b. Sensors & Cameras
- c. Observations & API
- d. All of the above

**2. The method of collecting correct and dependable data to work with is known as \_\_\_\_\_.**

- a. Problem Scoping
- b. Data Acquisition
- c. Data Exploration
- d. Modeling

**3. After a model has been created and trained, it must be thoroughly tested in order to determine its efficiency and performance; this is known as \_\_\_\_\_.**

- a. Evaluation
- b. Learning
- c. Decision
- d. None of these

**4. The people who face the stated problem and would be benefitted from the solution are termed as**

- a. Stakeholders
- b. Key Persons
- c. Who
- d. End user

**5. Which of the following W of 4Ws canvas problem helps in analyzing the affected people directly or indirectly?**

- a. Who
- b. What
- c. Where
- d. Why

**6. The \_\_\_\_ helps to summarize all the key points into one single template for Problem Scoping.**

- a. 4ws of problem scoping
- b. Problem Statement Template
- c. Summary Template
- d. Problem Understanding Template

**7. Which of the following sources contains data regarding higher education institute in India?**

- a. IMF Data
- b. Google Scholars
- c. Open Library
- d. AISHE

**8. An AI Project cycle ends with**

- a. Project Deployment
- b. Project Review
- c. Project Tuning
- d. None of these

**9. What are the different types of data \_\_\_\_\_.**

- a. Structured Data
- b. Unstructured Data
- c. Both a) and b)
- d. None of the above

**Part – D**

**(1x4=4)**

**4. Answer any 4 out of the given 5 questions based on Employability Skills:**

**1. Which statement will check if a is equal to b?**

- a. if a = b:
- b. if a == b:
- c. if a === c:
- d. if a == b

**2. What will be the output after the following program?**

```
if 1 + 3 == 7:  
    print("Hello")  
else:  
    print("Know Program")
```

- a) Hello
- b) Know Program
- c) Compiled Successfully, No Output.
- d) Error

3. Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1]?
- a) Error                      b) None                      c) 25                      d) 2
4. Which of the following is not valid variable name in Python?
- a. \_var                      b. var\_name                      c. var11                      d. 11var
5. What is used of defining a block of code(body of loop, function, etc.) in Python?
- a. Curly Braces                      b. Quotation                      c. Indentation                      d. Parenthesis

**Part - E**

**Short Q/A (do any 2)**

**(2x2=4)**

1. Write down the different types of verbal communication. Give an example for each type.
2. What does the acronym SMART stands for?
3. What is SWOT? How is it useful?

**Part -F**

**Short Q/A**

**(2x5=10)**

1. What are the different career opportunity in Artificial Intelligence.
2. What do you understand by AI bias? Explain with examples.
3. What are SDGs?
4. What is a root node and leaf node in a decision node?
5. What is a decision tree?
6. Explain type function() and input function () with example.

**Part - G**

**Long Q/A (Do any 3)**

**(3x4=12)**

1. List the stages of AI Project Cycle. Explain each stage of AI Project cycle.
2. What is 4Ws Problem Canvas? Explain with example.
3. Explain the functioning of the for loop in Python programming with the help of a flowchart.
4. a. What is Rule Based Approach  
b. What is learning-based approach?



**SECTION-A**

**I. Read the following passage carefully and answer the questions: (10)**

1. With the next round of the Commonwealth Games coming up this year, sports fans are already speculating about the likely winners from India. While chances appear bright in some sporting activities, in others the picture appears dismal. Chances of India throwing up a few surprises is always discussed among sports lovers. Most game watchers predict that while India can add more to its medals tally in the shooting events, the chances of improving her status in the swimming category appear slim, despite the potential of creating good swimmers in this country.
2. One sport in the country with tremendous potential but pathetic performance is swimming. The country is flooded with talented swimmers and coaches whose potential is not fully utilized due to red-tapism and bureaucratic hurdles. In spite of being a country full of rivers and canals, swimming has failed to capture the imagination of Indians at large. The Government, on its part, has done very little to boost the sport.
3. All those persons, who are interested in swimming, realize that bad quality of water is one rampant problem with almost 90% of swimming pools. As for schools, it requires exorbitant sums of money and the schools cannot afford it. A handful of the privileged few, who enjoy this luxury, fall in the category of the elite. These are out of reach of the common man.
4. Where do the Indians stand today in comparison with international swimmers? The history of swimming in India has not been too bright. International winners have excellent facilities in terms of coaching, nutrition, tactics, positive attitude and hard work. Paucity of high caliber International coaches is one setback Indians have suffered in all the arenas of sport. Thanks to the petty gains and trivial politics, the good ones are dropped like a hot potato and the blue-eyed ones taken over for participating in international matches. Except for the metros, the country is deprived of good Olympic-size swimming pools.
5. The government and sports organizations will have to make serious efforts to transform the future of Indian sports. Till then, it is a long, long wait.

**Answer the following questions:**

- (a) In which category, the chances of Indian improvement are slim?  
(i) shooting      (ii) swimming      (iii) javelin      (iv) none of these
- (b) Which word from the passage matches best with the word 'astonishes'?  
(i) surprises      (ii) chances      (iii) categories      (iv) suffers
- (c) What has been the history of swimming in India?  
(i) wonderful      (ii) natural      (iii) very bright      (iv) not too bright
- (d) What can be included into the treasure of India, in spite of which swimming has failed?  
(i) rich in culture      (ii) rich in different cuisines  
(iii) it's rivers and canals      (iv) it's rivers and games
- (e) What are the different facilities provided to international winners but not to the Indian players?
- (f) Why did Indians suffer setback in all the arenas of sport?
- (g) Fill in the blank:  
The government and sports organizations need to make \_\_\_\_\_ to transform the future of Indian Sports.
- (h) Choose the correct option to fill in the blank in the given sentence:  
As for \_\_\_\_\_, it requires \_\_\_\_\_ sums of money and the schools cannot afford it.  
1. Hospitals      2. Institute      3. schools      4. Companies      5. exorbitant

- (i) Choose the correct option to fill in the blank in the sentence given below:  
 Paucity of high \_\_\_\_\_ International coaches is one setback \_\_\_\_\_ have suffered in all the arenas of sports.
1. Powerful      2. Caliber      3. Americans      4. Indians      5. Russians  
 a. 1 and 5      b. 2 and 4      c. 2 and 3      d. 3 and 4
- (j) Choose the correct option given below to fill in the blank:  
 Most game \_\_\_\_\_ predict that while India can add more to its medal tally in the \_\_\_\_\_ events.
1. audiences      2. Watchers      3. shooting      4. Archery      5. hockey  
 a. 2 and 3      b. 1 and 3      c. 1 and 4      d. 2 and 5

**II. Read the following passage carefully and answer the questions: (10)**

1. Vegetarianism promotes a natural way of life. But despite its implicit message of universal love and non-violence it has not spread, as it should have. This may be because it usually is an inward-looking habit and is best cultivated in the mind.

2. Leading a vegetarian way of life helps the animal kingdom to co-exist with man. The animals supply milk, manure and energy. This has been centred to the Indian culture for thousands of years. A vegetarian lifestyle is natural, multifaceted and helps self-preservation in a healthy way. Food and health are closely related.

3. In India, a vegetarian is usually a lacto-vegetarian. In the Western world vegetarians are subdivided as "vegans" (pure vegetarians who do not take any food coming from the animal kingdom), lacto-vegetarians, who use dairy products of the vegetable kingdom and lacto-ova-vegetarians. The last category includes eggs, in addition to dairy products.

4. The Western science of food considers food as something to sustain only the human body, whereas Indian science considers food as something which sustains not only the body, but also maintains the purity of heart, mind and the soul. Thus an item of food which is injurious to the mind, is not considered to be fit for consumption, even if it is otherwise beneficial to the body or satisfies the taste. Indian food science does not give so much importance to protein or even to the balanced diet but it gives importance to food that increases the strength of the body and its virility.

5. Vegetarian foods provide an infinite variety of flavours, whereas non-vegetarian foods have hardly any taste of their own. In fact, non-vegetarian foods have to be seasoned with ingredients from the vegetable kingdom to make them palatable.

6. In most sports disciplines, vegetarians lead in endurance tests. "You are what you eat" is an old saying and it is a fact that it is the food that makes the man. The food we eat, its quality, quantity, its timing and combination is of utmost importance to healthy life.

7. It is significant to note that in the USA nearly 30 to 40 million people have adopted vegetarianism in the last decade. More and more intellectuals in the UK, Germany, France, Switzerland, Italy, Israel, Mexico, Russia and its former allies are gradually turning to vegetarian diets not only on ethical and humanitarian grounds but also for health and ecological reasons.

**Answer the following questions:**

- (a) What is the utmost importance about food to lead a healthy life?
- (i) it's quality      (ii) it's quantity  
 (iii) it's timing and combination      (iv) all of the above
- (b) More and more people are turning vegetarian on:
- (i) ethical grounds      (ii) health and ecological reasons  
 (iii) humanitarian Grounds      (iv) all of the above
- (c) Who are called vegans?
- (i) those who are pure vegetarian      (ii) those who are pure non vegetarian  
 (iii) both one and two      (iv) none of these
- (d) Lacto vegetarians are those who. ..
- (i) use only dairy products      (ii) use only non vegetarian products  
 (iii) use only vegetarian products      (iv) none of these

- (e) Indian food Sciences gives much importance on. ..
- the food that increases strength and virility
  - the food that enhances weakness
  - the food that neither increases nor decreases strength
  - none of these
- (f) why has vegetarianism not spread?
- (g) fill in the blank:  
In most sports disciplines, vegetarians lead in \_\_\_\_\_ .
- (h) What is of utmost importance to healthy life?
- the quality of food
  - the quantity of food
  - the timing and combination of food
  - all of these
- (i) Find out a word from the passage similar in meaning to 'important'.
- unimportant
  - significant
  - strength
  - humanitarian
- (j) Write the antonym of the word 'balanced'.
- important
  - endurance
  - unbalanced
  - dissatisfaction

### SECTION-B

#### III. (a) Fill in the blanks with the correct form of the verb given in brackets: (2)

The students \_\_\_\_\_ (organize) a rally to bring awareness among the locals regarding pollution. Many junior students also \_\_\_\_\_ (join) it. They \_\_\_\_\_ (stage) a street play which \_\_\_\_\_ (appreciate) by one and all.

#### (b) Edit the following text according to the tenses: (1)

	Error	Correction
(i) All the activities was very	(i) _____	_____
(ii) successful. These were aimed	(ii) X	X
(iii) to brought about awareness among people.	(iii) _____	_____

#### IV. Fill in the blanks with the appropriate modals: (4)

- You \_\_\_\_\_ (need/ ought) to love your siblings.
- I \_\_\_\_\_ (have/ need) to talk to you.
- You \_\_\_\_\_ (couldn't/ must not) lose your cool over petty matters.
- Children \_\_\_\_\_ (may/ should) avoid eating junk food.
- You \_\_\_\_\_ ( must/ might) carry an umbrella when going out in the sun.

#### V. Choose the correct option to fill in the blanks to complete the sentences: (3)

- No news \_\_\_\_\_ good news. (is/are)
- One third of the town \_\_\_\_\_ flooded. (have/ is)
- 'The Three Idiots' \_\_\_\_\_ directed by Raju Hirani. (is/ are)
- There \_\_\_\_\_ 10 apples in the basket. (are/ is)

VI. You are Abhinav. You recently participated in the All India CBSE National Quiz Competition and reached the finals. The final round was telecast over the national channel where you and your team won the quiz. Describe your feelings through a diary entry. (5)

**Or**

A peaceful protest march was launched by students all over India against the growing crime against women in the capital city. All the news channels gave wide coverage to the rally inviting different opinions on the issue. Make a diary entry expressing your feelings on the same. You are Arvind.

#### VII. Write a story developing the idea for the given in the outline in your own words. (5)

**Also suggest a suitable title:**

Visit to your friend's house-----take shortcut to home-----path through jungle ----- palms were sweating ----- suddenly followed by a ghost ----- need help-----story told by ghost about her accident-----screamed-----went back to friend's house-----fever for three days-----unforgettable experience.

**Or**

**Write a story developing the idea for the given in the outline in your own words after giving a suitable title:**

An old couple-----hospitable and nice----- fairy granted three wishes-----couple thought what to ask ----- wife unmindfully said she's hungry-----wished she could get a cake----- wish granted ----- husband angry on wasting the wish ----- said he wished the cake stuck to her nose ----- wish granted ----- second wish wasted ----- husband left with one choice ----- the cake to fall off her face----- third wish granted

### SECTION-C

**VIII. Read the following extract carefully and answer the questions that follow: (5)**

When India gained independence on August 15,1947,Bismillah Khan became the first Indian to greet the nation with his Shehnai. He poured his heart out into Raag Kafi from the Red Fort to an audience which included Pandit Jawaharlal Nehru, who later gave his famous "Tryst with Destiny" speech.

- a. What is meant by 'he poured his heart out'?
  - (i) he expressed his sorrow
  - (ii) he expressed his happiness deeply
  - (iii) he expressed his surprise
  - (iv) he expressed his annoyance
- b. What does the author mean by 'to greet the nation' in the passage?
  - (i) Bismillah Khan waved his hand
  - (ii) he said namaskar
  - (iii) he said salaam
  - (iv) he began the ceremony with Shehnai
- c. How does Bismillah Khan express his feelings?
- d. State True or False:  
Pandit Jawaharlal Nehru gave his famous Tryst with Destiny speech after Bismillah Khan's performance.
- e. Write the antonym of 'independence'.
  - (i) freedom
  - (ii) boredom
  - (iii) famous
  - (iv) dependence

**Or**

Albert Einstein was born on 14 March 1879 in the German city of Ulm, without any indication that he was destined for greatness. On the contrary, his mother thought Albert was a freak. To her, his head was much too large. At the age of two and half, Einstein was still not talking. When he finally did learn to speak, he uttered everything twice. Einstein did not know what to do with the other children, and his playmates called him brother boring.

- a. Einstein was a special child because he \_\_\_\_\_.
  - (i) was a late talker
  - (ii) he said everything twice
  - (iii) he had a big head
  - (iv) both one and two
- b. The statement 'without any indication that he was destined for greatness' means that \_\_\_\_\_.
  - (i) Einstein as a child was ordinary
  - (ii) he was Prodigy
  - (iii) he did not show any sign of greatness
  - (iv) he was marked for greatness
- c. Why were Einstein's play mates called him 'brother boring'?
- d. State True or False:  
Einstein was born on 14 March 1979 in the German city of Ulm.
- e. What is the synonym of 'uttered'?
  - (i) freak
  - (ii) emitted
  - (iii) sighed
  - (iv) absorbed

**IX. Read the following extract carefully and answer the questions: (5)**

*Do this, and the wind will be friends with us.*

*The wind blows out weak fires. He makes strong fires roar and flourish.*

*His friendship is good. We praise him every day.*

- (a) What does the poet mean when he says, "Do this"?
  - (i) We should be strong physically and morally.
  - (ii) We should be weak.
  - (iii) We should be punctual.
  - (iv) We should be conservative.
- (b) What does the 'wind' do to the strong fires?

(c) Fill in the blank:

The wind can be our friends if we \_\_\_\_\_.

- (i) can be punctual                      (ii) can be strong

(d) 'Wind makes strong fires roar and flourish figuratively'. Explain.

(e) How does a strong character become stronger?

- (i) when he miserably fails in his life.                      (ii) when he faces challenges of his life.  
(iii) when he only lives in imagination.                      (iv) when he does not follow discipline in life.

**Or**

**Read the following extract and answer the questions:**

*Now in memory comes my mother, As she used in years ago,*

*Ere she left them till the dawn:*

*To regard the darling dreamers Which is played upon the shingles*

*O! I feel her fond look on me As I list to this refrain*

*By the patter of the rain.*

(a) 'The darling dreamers' refer to \_\_\_\_\_.

- (i) people who are lost in memories      (ii) daydreamers  
(iii) the poet and his siblings              (iv) those who are sleeping in their cosy beds

(b) The significance of 'O! I feel her fond look on me' is \_\_\_\_\_.

- (i) the poet misses his mother's presence  
(ii) he misses his mother's affectionate gaze on his face  
(iii) he misses his childhood friends      (iv) he is sad and gloomy

**(c) Fill in the blank:**

The poet's mother treats the dreamer with \_\_\_\_\_.

- (i) regard              (ii) aggression

(d) Which type of feeling does the poet try to establish in the extract?

(e) 'Shingles' are \_\_\_\_\_.

- (i) bushes              (ii) big raindrops              (iii) sound of thunder              (iv) roof tiles

**X. Answer the following questions in 40-50 words: (any four)                      (4×3=12)**

- How did Abdul Kalam help his cousin Samsuddin and earn his first wages?
- Did Margie have regular days and hours for school? If so, why?
- What kind of woman did the doctor want to marry? (The Snake and the Mirror)
- Who was Mr McDonald? How was he different from Kezia's father?
- What did Evelyn determine to do?

**XI. Answer the following questions in 40-50 words: (any two)                      (2×3=6)**

- How was the author's grandmother different from grandfather? Whom do you like the most? (The Adventures of Toto)
- How can you say that the child was an obedient boy? (The Lost Child)
- What happened when the wild elephant entered the school playground?

**XII. Answer the following question in 100-120 words: (any one)                      (6)**

Why was Kezia punished by her father? Do you think Kezia deserved this? What should father have done instead? (The Little Girl)

**Or**

'Once you decide to change the system, such problems have to be confronted.' What system is this sentence referring to? What are such problems? (My Childhood)

**XIII. Answer the following question in 100-120 words: (any one)                      (6)**

One should not be greedy. How did greed bring the disciple in trouble? (In the Kingdom of Fools)

**Or**

What values of humanity are reflected through the character of the kind man? (The Lost Child)



भगवान महावीर सीनियर सेकेंडरी पब्लिक स्कूल

कक्षा -9वी

विषय हिंदी। कुल अंक (80)

गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

(1×5 = 5)

एक जमाना था जब मोहल्ले दारी पारिवारिक आत्मीयता से भरी होती थी। सब मिल-जुल कर रहते थे। हारी- बीमारी खुशी गम सब में लोग एक-दूसरे के साथ थे किसी का किसी से कुछ छिपा नहीं था। आज के लोगों को शायद लगे कि लोगों की अपनी प्राइवैसी क्या रही होगी, लेकिन इस प्राइवैसी के नाम पर ही हम एक-दूसरे से कटते रहे और कटते कटते ऐसे अलग हुए कि अकेले पड़ गए। पहले अलग चूल्हे- चौंके हुए, फिर अलग मकान लेकर लोग रहने लगे, निजी स्वतंत्रता की अपनी परिभाषा देकर यह एकाकीपन हमने स्वयं अपनाया है। मोहल्ले में आपस में चाहे कितनी चखचख हो, यह थोड़े ही संभव था कि बाहर का कोई आकर किसी को कड़वी बात कह जाए। पूरा मोहल्ला टिड्डुडी दल की तरह उमड़ पड़ता था। देखते-देखते जमाना हवा हो गया। मोहल्लेदारी टूटने लगी। आबादी बढ़ी, महंगाई बढ़ी, पर सबसे ज्यादा तो चीज दुर्बल हो गई वह था आपसी लगाव अपनापन, लोगों की आंखों का शील मर गया।

देखते-देखते कैसा रंग बदला है। लोग अपने-आप में सिमटकर पैसे के पीछे भागते जा रहे हैं। सारे नाते-रिश्ते को उन्होंने ताक पर रख दिया है, तब फिर पड़ोसी से उन्हें क्या लेना-देना है। वह नीरस महानगरीय सभ्यता महानगरों से चलकर कस्बों और देहांत तक को अपनी चपेट में ले चुकी है। मकानों में रहने वाले एक-दूसरे को नहीं जानते। इन जगहों में आदमी का अस्तित्व समाप्त हो गया है। यदि आपको फ्लैट नंबर मालूम नहीं है तो उसके बिल्लिंग में जाकर भी वांछित व्यक्ति को नहीं ढूँढ पाएंगे। ऐसी जगहों में किसी प्रकार के संबंधों की अपेक्षा ही कहां की जा सकती है?

(i) प्राइवैसी से क्या तात्पर्य है?

- (क) निजता (ख) आत्मीयता  
(ग) मेलजोल। (घ) भाईचारा

(ii) मोहल्लेदारी के बारे में क्या सच नहीं है?

- (क) आपस में मिल-जुल कर रहना  
(ख) दुख सुख में साथ देना  
(ग) अपनी बात किसी से गुप्त न रखना  
(घ) आस-पड़ोस का हस्तक्षेप पसंद न करना

(iii) आज के व्यक्ति को प्राइवैसी के नाम पर प्राप्त हुआ है?

- (क) अलगाव और अकेलापन  
(ख) अपने में ही सीमित होने का आनंद  
(ग) संयुक्त परिवार की समस्याओं से मुक्ति  
(घ) मोहल्ले के झंझटों से छुटकारा

- (क) अपेक्षा करना (ख) आशा रखना  
(ग) छोड़ देना (घ) निंदा करता  
(v) प्रश्न गद्यांश का उचित शीर्षक क्या है?

(क) बदलते समय में संबंधों का हास्य

- (ख) बदलते समय में आत्मीयता का भाव  
(ग) बदलते समय में पारिवारिक आत्मीयता  
(घ) इनमें से कोई नहीं

2. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

(1×5=5)

आधुनिक युग में योग का महत्व बढ़ गया है इसके बढ़ने का कारण व्यस्तता, और मन की व्यग्रता है। यदि मनुष्य शारीरिक रूप से स्वस्थ है तो वह संसार में रहकर जीवन का सुख भोग सकता है जीवन का सुख भोग सकता है और अपने सभी कर्तव्य एवं मनोकामनाओं को पूर्ण कर सकता है शरीर ही वह माध्यम है जिसके द्वारा हम अपने सभी कार्यों को संपन्न कर सकते हैं। इसलिए अपने शरीर को स्वस्थ रखना हमारा प्रथम कर्तव्य है। जिसे योग द्वारा स्वस्थ बनाया जा सकता है। 21 जून 2015 को प्रथम बार संपूर्ण विश्व में विश्व योग दिवस मनाया गया है। इसके साथ ही यह घोषणा भी की गई कि प्रत्येक वर्ष 21 जून को विश्व योग दिवस के रूप में मनाया जाएगा। योग प्राचीन समय से ही भारतीय संस्कृति का अंग रहा है। हमारे पूर्वजों ने बहुत समय पहले ही इसका आविष्कार कर लिया था। और इसके महत्व को पहचान लिया था। इसलिए योग पद्धति सदियों बाद भी जीवित है। योग करने से न केवल तन की थकान दूर होती है। बल्कि मन की थकान भी दूर होती है योग करना वाला व्यक्ति अपने अंग प्रति अंग में एक नए उत्साह का अनुभव करता है। र योग करने से शरीर में रक्त सुचारू रूप से होता है। तथा शरीर रोगमुक्त रहता है। अतः योग दिवस का उद्देश्य संपूर्ण विश्व में योग से प्राप्त होने वाले लाभों के प्रति लोगों को जागरूक करना है मनुष्य को शारीरिक और मानसिक रूप से स्वस्थ रहने से योग पूर्णतः समक्ष है। योग प्राचीन भारतीय परंपरा एवं संस्कृति की अमूल्य देन है। यह स्वास्थ्य एवं कल्याण का सहज संबंध बनाने वाला दृष्टिकोण है। योग केवल व्यायाम नहीं है, बल्कि स्वयं को विश्व और प्रकृति के साथ एकत्व खोजने का भाव है।

(i) आधुनिक युग में योग का महत्व क्यों बढ़ रहा है?

- (क) प्राचीनतम पद्धतियों पर लोगों के विश्वास के कारण  
(ख) व्यस्तता और मन की व्यग्रता  
(ग) लोगों में इसके प्रति उत्साह बढ़ने के कारण  
(घ) इनमें से कोई नहीं

(ii) हमारा प्रथम कर्तव्य क्या है?

- (क) शरीर को स्वस्थ रखना  
(ख) सभी मनोकामनाओं को पूर्ण करना  
(ग) योग की शिक्षा लेना

(iii) विश्व योग दिवस कब मनाया जाता है

(क) 21 जुलाई (ख) 21 मई

(ग) 21 अप्रैल (घ) 21 जून

(iv) योग का क्या लाभ है।

(क) तन मन की थकान दूर होती है

(ख) अंग प्रत्यंग-अंग में नए उत्साह का अनुभव होता है।

(ग) रक्त का संचार सुचारू रूप से होने से शरीर रोग मुक्त रहता है

(घ) उपरोक्त सभी

(v) योग दिवस का क्या उद्देश्य है?

क-योग का प्रचार प्रसार करना

ख -संपूर्ण विश्व को योग के लाभों के प्रति लोगों को जागरूक करना

ग-संपूर्ण विश्व में योग की शिक्षा देना

घ-इनमें से कोई नहीं

3 निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार दीजिए।

(1×2=2)

(i) एक से अधिक वर्णों के मेल से बने सार्थक वर्ण समूह को क्या कहते हैं?

(क) शब्द (ख) पद (ग) वाक्य (घ) पदबंध

(ii) वह नेता विधायक है रेखांकित अंश शब्द है या पद और क्यों?

क) शब्द ,क्योंकि यह सार्थक वर्णों का समूह है।

ख) पद ,क्योंकि इसका वाक्य में प्रयोग हुआ है।

ग) पद ,क्योंकि इसका प्रयोग व्याकरण के नियमों के अनुसार वाक्य में हुआ है।

घ) इनमें से कोई नहीं।

4. निम्नलिखित में से किन्हीं दो प्रश्नों के उत्तर दीजिए

(1 x 2 = 2)

(1) दिए गए शब्दों में से कौन सा शब्द अनुस्वार का नहीं है:

(क) हसना (ख) पाखड (ग) चिड़िया (घ) आचल

(ii) निम्नलिखित में से किस शब्द में अनुनासिक का प्रयोग नहीं हुआ है?

क)मां (ख) महंगाई (ग)कंधा (घ) फूकना

(i) निम्नलिखित में से कौन सा शब्द सही अनुस्वार युक्त है:

रकं,कंठ, शंका, सविधानं

5 निम्नलिखित में से किन्हीं चार प्रश्नों के उत्तर दीजिए।

(1×4=4)

(1) निम्नलिखित में से किस शब्द में 'अधि' उपसर्ग का प्रयोग नहीं हुआ है

(क) अधिवक्ता (ख) अधिनायक (ग) अध्यक्ष (घ) अभिप्राय

(ii) निम्नलिखित में से 'दुर' उपसर्ग से निर्मित शब्द कौन-सा है?

(क) दुरात्मा (ख) दुर्जन (ग) दुर्भाग्य (घ) ये सभी

(iii) निम्नलिखित में से कौन-सा पद इक' प्रत्यय से नहीं बना

(क) दैविक (ख) भौमिक

(ग) सामाजिक (घ) इनमें से कोई नहीं

(iv) 'सनसनाहट' में कौन-सा प्रत्यय है?

(क) सन (ख) सनसन (ग) आहट (घ) हट

(v) 'दासत्व' में प्रत्यय है

(क)त्व (ख) सत्व (ग)व (घ) तय

6 निम्नलिखित में से किन्हीं तीन प्रश्नों के उत्तर दीजिए।

(1×3=3)

(1) महोत्सव का सही संधि-विच्छेद क्या है?

(क) महा + उत्सव (ख) महो + उत्सव

(ग) महोत् +सव (घ) महे + उत्सव

(ii) 'हिमालय' शब्द का संधि-विच्छेद है

(क) हिमा + ल (ख) हिमा+अलया

(ग) हिमा + आलय (घ) हिम+ आलय

(iii) निम्नलिखित में से कौन सी संधि गुण संधि है:

(क)रजनीश (ख) महेंद्र (ग) अत्याचार (घ) वधूत्सव

(V) पुस्तकालय में कौन सी संधि है

क)दीर्घ संधि (ख)गुण संधि (ग) वृद्धि संधि (घ)यण संधि

7 निम्नलिखित में से किन्हीं तीन प्रश्नों के उत्तर दीजिए।

(1 x 3 = 3)

(i) आकाश-पाताल के बीच लगने वाला (-) चिह्न है

(क) अल्पविराम (ख) विस्मयादिबोधक

(ग) योजक चिह्न (घ) उद्धरण चिह्न

(ii) प्रश्नवाचक तथा विस्मयादिबोधक को छोड़कर सभी वाक्यों के अंत में प्रयुक्त होता है

(क) पूर्ण विराम (ख) अर्द्धविराम

(ग) विवरण चिह्न (घ) उद्धरण चिह्न

(iii) प० राम प्रकाश शर्मा जी ने हमारे घर पूजा की। इस वाक्य में प० शब्द के पीछे लगने वाला चिह्न कौन सा है?

(क) अर्द्धविराम (ख). अल्पविराम

(ग) लाघव चिह्न (घ) हंसपद

(iv) हंस पद (^) चिह्न का प्रयोग कहां किया जाता है?

(क) वाक्य पूर्ण होने के पश्चात।

(ख) प्रश्न पूछते समय।

(ग) आश्चर्य प्रकट करने हेतु।

(घ) छूटे अंश को ऊपर लिखने हेतु।

कं) विधानसभा

8 निम्नलिखित में से किन्हीं दो प्रश्नों के उत्तर दीजिए। (3)

(i) लहादू एक नायलॉन की रस्सी लाया था' वाक्य अर्थ के आधार पर किस प्रकार का वाक्य है?

(क) विस्मयवाचक (ख) संदेहवाचक

(ग) इच्छावाचक (घ) विधानवाचक

(ii) निम्नलिखित में से इच्छावाचक वाक्य कौन-सा है?

(क) ईश्वर करे आप जल्दी स्वस्थ हो जाएँ

- (ख) ईश्वर का वास प्रत्येक स्थान पर है  
 (ग) ईश्वर की माया कहीं धूप कहीं छाया  
 (घ) ईश्वर सर्वशक्तिमान है।

(iii) 'वह मुझे देखकर हक्का-बक्का रहा गया' वाक्य को विस्मयवाचक वाक्य में बदलकर लिखिए।

- (क) वह मुझे देखकर हक्का-बक्का नहीं हुआ  
 (ख) अरे! वह मुझे देखकर हक्का-बक्का रह गया  
 (ग) शायद वह मुझे देखकर हक्का-बुक्का रह गया  
 (घ) जैसे ही उसने मुझे देखा वैसे ही हक्का-बक्का रह गया

9. निम्नलिखित पद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के सही विकल्प चुनिए। (1×5=5)

"रहिमन देखि बड़ेन को लघु न दीजिए डारि।

जहां काम आवे सुई कहां करें तलवारि"

(i) बड़ी चीज को देखकर किसी छोटी चीज की उपेक्षा नहीं करने का क्या अर्थ है?

- (क) केवल छोटी चीज ही काम की होती है।  
 (ख) बड़ी चीज का महत्व सब जगह होता है।  
 (ग) हर चीज का अपना महत्व है।  
 (घ) हर छोटी चीज कम काम की होती है।

(ii) कवि के अनुसार सुई के स्थान पर क्या काम नहीं आता है।

- (क) तार (ख) डोरी (ग) धागा (घ) तलवार

(iii) प्रस्तुत दोहे में सुई किसका प्रतीक है

- (क) शक्तिशाली का (ख) छोटे या कमजोरी का  
 (ग) बड़े या प्रभावशाली का (घ) असमर्थ

(iv) प्रस्तुत दोहे के माध्यम से कई क्या कहना चाहता है

- (क) सभी का अपना-अपना महत्व है।  
 (ख) कोई दूसरे का स्थान नहीं ले सकता  
 (ग) बड़े को देखकर छोटे की अपेक्षा नहीं करनी चाहिए  
 (घ) उपरोक्त सभी

(v) छोटी से छोटी वस्तु का अपना महत्व है इस बात को सिद्ध करने के लिए रहीम ने किसका उदाहरण दिया है।

- (क) समुद्र और मछली का (ख) सूई और धागे का  
 (ग) कमल और कीचड़ का (घ) सूई और तलवार का

10 निम्नलिखित प्रश्नों के उत्तर दीजिए। (1 x 2 = 2)

(i) प्रेम का धागा टूटने पर पहले की भांति क्यों नहीं हो पाता ?

- (क) क्योंकि एक बार धागा टूट जाने पर उसे जोड़ना कठिन होता है  
 (ख) क्योंकि उसमें गांठ लगाना आसान होता है  
 (ग) क्योंकि उसमें गांठ लगाने से संबंध मजबूत होते हैं  
 (घ) क्योंकि वह धागा मजबूत होता है।

(ii) कविता के अनुसार कठिन रास्ते पर चलने का फैसला लेने वाले मनुष्य को क्या प्रतिज्ञा करनी चाहिए?

- (क) वह कभी थमेगा नहीं।  
 (ख) वह कभी रुकेगा नहीं  
 (ग) वह कभी पीछे मुड़कर देखेगा नहीं  
 (घ) उपरोक्त सभी

11) निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के सही विकल्प चुनिए। (1x 5 = 5)

लड़के की बुढ़िया माँ बावली होकर ओझा को बुला लाई। झाड़ना-फूँकना किया। नागदेव की पूजा हुई। पूजा के लिए दान-दक्षिणा चाहिए। घर में जो कुछ बचा हुआ अनाज था, दान-दक्षिणा में उठ गया। माँ, बहू और बच्चे 'भगवाना' से लिपट लिपटकर रोए, पर भगवाना जो एक दफे चुप हुआ तो फिर न बोला। सर्प के विष से उसका सब बदन काला पड़ गया था। जिंदा आदमी नंगा भी रह सकता है, परंतु मुर्दे को नंगा कैसे विदा किया जाए? उसके लिए तो बजाज की दुकान से नया कपड़ा लाना ही होगा, चाहे उसके लिए माँ के हाथों के छत्री-ककना ही क्यों न बिक जाएँ।

(i) लड़के की बूढ़ी माँ ओझा को क्यों बुला लाई थी?

- (क) टोने-टोटके करवाने के लिए  
 (ख) साँप का जहर उतरवाने के लिए  
 (ग) बेटे का दिमाग सही करवाने के लिए  
 (घ) बहू का इलाज करवाने के लिए

(ii) ओझा ने आकर क्या कार्य किया?

- (क) झाड़-फूँक किया  
 (ख) नागदेव की पूजा की  
 (ग) दान-दक्षिणा दिलवाई।  
 (घ) उपरोक्त सभी

(iii) भगवाना चुप क्यों हो गया था?

- (क) साँप के काटने के कारण  
 (ख) बच्चों के रोने के कारण  
 (ग) माँ द्वारा दान-दक्षिणा करने के कारण  
 (घ) उपरोक्त सभी

(iv) 'जिंदा आदमी नंगा भी रह सकता है, परंतु मुर्दे को नंगा कैसे विदा किया जाए?' इस कथन से क्या पता चलता है ?

- (क) मुर्दे के लिए कपड़े आवश्यक है।  
 (ख) जिंदा आदमी को कपड़े की आवश्यकता नहीं  
 (ग) एक गरीब की विवशता का  
 (घ) कोई भी नहीं।

(v) माँ, बहू और बच्चे भगवाना से लिपट कर क्यों रोने लगे?

- (क) क्योंकि वह भूख से बिलख रहे थे।  
 (ख) क्योंकि भगवाना कई दिनों बाद शहर से लौटा था।  
 (ग) क्योंकि भगवाना जेल जाने वाला था।  
 (घ) क्योंकि साँप के काटने से वह मर गया था।

12 निम्नलिखित प्रश्नों के उत्तर दीजिए। (1×2=2)

(i) एवरेस्ट पर बिना ऑक्सीजन के कौन चढ़ाई कर रहा था?

- (क) अंगदोरजी (ख) ल्हाटू  
(ग) बिस्सा (घ) इनमें से कोई नहीं।

(ii) लेखक द्वारा अतिथि का उत्साह और लगन में स्वागत-सत्कार करने के मूल में कौन-सी आशा थी?

- (क) अतिथि का लेखक के घर रुकना  
(ख) दूसरे दिन अतिथि का लेखक के घर से चले जाना  
(ग) दूसरे दिन अतिथि के साथ शहर में घूमने जाना  
(घ) अतिथि के कपड़े धोबी से धुलवाना

**खंड-ब**

**13-निम्नलिखित प्रश्नों में से किन्हीं दो के उत्तर दीजिए।**

**(3×2=6)**

- (क) बाजार के लोग खरबूजे बेचने वाली स्त्री के बारे में क्या क्या कह रहे थे? अपने शब्दों में पाठ के आधार पर लिखिए।  
(ख) 'अतिथि देवो भवः' उक्ति की व्याख्या करके आधुनिक युग के संदर्भ में इसका आकलन कीजिए।  
(ग) "एवरेस्ट :मेरी शिखर यात्रा "पाठ के आधार पर बताइए कि उपनेता प्रेमचंद ने सभी को किन स्थितियों से अवगत कराया था ?

**14 निम्नलिखित प्रश्नों में से किन्हीं दो के उत्तर दीजिए**

**(3 × 2 = 6)**

- (क) रहीम ने मानव को अपना दुख मन में ही छिपा कर रखने के लिए क्यों कहा है?  
(ख) पाठ के आधार पर गीत -अगीत के अंतर को स्पष्ट कीजिए।  
(ग) रैदास ने किन-किन विशेषताओं का प्रयोग करते हुए अपने आप को परमात्मा का दास बताया है। कोई तीन का उल्लेख कीजिए।

**15 निम्नलिखित में से किन्हीं दो प्रश्नों के उत्तर दीजिए।**

**(3 x 2 = 6)**

- (क) "गिल्लू एक संवेदनशील प्राणी है।" कैसे? स्पष्ट कीजिए।  
(ख) सीमित साधनों से ही लेखक कुएँ में उतरने में कैसे सफल हुआ? लेखक ने दृढ़ संकल्प शक्ति का परिचय कैसे दिया?  
(ग) क्या पशु पक्षी भी मूक प्रेम को समझते हैं-गिल्लू पाठ के आधार पर तर्क सहित उत्तर दीजिए।

**16 निम्नलिखित विषयों में से किसी एक विषय पर दिए गए संकेत बिंदुओं के आधार पर 80 से 100 शब्दों में एक अनुच्छेद लिखिए।**

**(6)**

**(क) विज्ञापनों से भरी दुनिया**

**संकेत बिंदु:**

- विज्ञापन का युग  
विज्ञापन का प्रभाव  
विज्ञापन के लाभ व हानि

**(ख) वर्षा जल संचयन**

**संकेत बिंदु:**

- भूमिका  
उपसंहार  
जल संरक्षण चक्र क्या है?  
जल संरक्षण के उपाय

**(ग) मेरी अविस्मरणीय यात्रा**

**संकेत बिंदु:**

- भूमिका  
यात्रा का आनंद  
अविस्मरणीय यात्रा कैसे .  
उपसंहार

**17. छोटे भाई को कम खर्च करने की सलाह देते हुए 120 शब्दों में पत्र लिखिए।**

**(5)**

**अथवा**

परीक्षा में असफल मित्र को सांत्वना देते हुए एक पत्र लिखिए।

**18-अपने जीवन लक्ष्य को लेकर दो मित्रों के बीच का संवाद लेखन लगभग 100 शब्दों में कीजिए।**

**(5)**

**अथवा**

बच्चे के जन्मदिन पर न आ सकने पर क्षमा माँगते हुए एक पड़ोसी का दूसरे पड़ोसी से संवाद लगभग 100 शब्दों में लिखिए।

**19-नीचे दिए गए चित्र को ध्यान से देखिए। चित्र में दिखाई दे रहे दृश्य/घटना का वर्णन अपनी कल्पना शक्ति के आधार पर कीजिए जिसका सीधा संबंध चित्र से होना चाहिए।**





**Section-A**

**1. Answer any 5 out of the given 6 questions based on Employability Skills:**

**[1x5=5]**

- 1) How do you receive information on phone?
  - i. Listening
  - ii. Speaking
  - iii. Reading
  - iv. Writing
- 2) Which of the following is a self confidence building tip?
  - i. Staying clean
  - ii. Thinking positively
  - iii. Staying happy with small things
  - iv. All of the above
- 3) ..... inculcates confidence within an individual to face and handle different situations in life.
  - i. Self hatred
  - ii. Self care
  - iii. Freedom
  - iv. Self management
- 4) Which of the following businesses is a member-owned business structure and usually allows a limited distribution of profits to member?
  - i. Partnership
  - ii. Cooperative
  - iii. Sole Proprietorship
  - iv. Limited Liability Partnership
- 5) Which of the following is a process of transforming business concept into a bigger business enterprise, by planning and managing skills?
  - i. Dealership
  - ii. Entrepreneurship
  - iii. Partnership
  - iv. None of these
- 6) Which of the following helps brings a positive impact on your physical and mental health?
  - i. Socializing
  - ii. Positive thinking
  - ii. Singing
  - iv. Over protection

**2. Answer any 10 out of the given 11 questions:**

**[1x10=10]**

- 1..... is a symbol that performs certain mathematical or logical operations.
  - i. Function
  - ii. Formula
  - iii. Bullets
  - iv. Operator
- 2.. ..... range is the number of selected cells spread across the row and column.
  - i. Horizontal
  - ii. Vertical
  - iii. Mixed
  - iv. None of these
3. Which of the following is not a type of data?
  - i. numeric
  - ii. alpha-numeric
  - iii. date/time
  - iv. operator
- 4.A ..... is identified with its column position followed by its row number.
  - i. Cell address
  - ii. Cell name
  - iii. Column address
  - iv. Row address
- 5.Which of the following options helps to rotate the direction of contents in a Cell.
  - i. Wrap Text
  - ii. Shrink to fit Cell size
  - iii. Text Orientation
  - iv. None of these
- 6.Which of the following menu has 'Cells' option to apply formatting on cells?
  - i. Home
  - ii. Format

7. Which of the following is a shortcut key to open a new workbook:
- |               |              |
|---------------|--------------|
| i. Ctrl + W   | ii. Ctrl + S |
| iii. Ctrl + Q | iv. Ctrl + N |
8. We can replace multiple occurrences of a word using which of the following facilities of Calc?
- |                      |                        |
|----------------------|------------------------|
| i. Find and replace  | ii. By replace only    |
| iii. By copy command | iv. By preview command |
9. What is the name of mechanism to arrange the data in a particular order?
- |                |                |
|----------------|----------------|
| i. Sorting     | ii. Searching  |
| iii. Filtering | iv. Validating |
10. Which of the following features of a spreadsheet is used to add a custom series of names or text that can be pre-defined?
- |             |                   |
|-------------|-------------------|
| i. AutoFill | ii. Series        |
| iii. Fill   | iv. None of these |
11. Which of the following is an extension of a worksheet created in Calc?
- |          |          |
|----------|----------|
| i. .ods  | ii. .odd |
| ii. .xls | iv. .odj |

**3. Answer any 9 out of given 10 questions:**

**[1x9=9]**

- 1) Which of the following is known as a faded image of a design that is printed as background? In slides, it appears as a shadow.
- |                |                  |
|----------------|------------------|
| i. Logo        | ii. Bitmap Image |
| iii. Watermark | iv. Background   |
- 2) The slide show can be exited at any time during the show by pressing which of the following keys?
- |                |             |
|----------------|-------------|
| i. Space bar   | ii. End key |
| iii. Break key | iv. Esc key |
- 3) How many spreadsheet on LibreOffice Calc by default?
- |     |       |        |       |
|-----|-------|--------|-------|
| i 1 | ii. 2 | iii. 3 | iv. 4 |
|-----|-------|--------|-------|
- 4) Which view is generally used for creating, formatting and designing slides?
- |                 |                       |
|-----------------|-----------------------|
| i. Normal view  | ii. Outline view      |
| iii. Notes view | iv. Slide Sorter view |
- 5) Which of the following is an individual electronic 'page' of a presentation?
- |              |           |
|--------------|-----------|
| i. Sheet     | ii. Page  |
| iii. Section | iv. Slide |
- 6) Which of the following is the hard copy of pages or slides of a presentation?
- |              |                  |
|--------------|------------------|
| i. Handouts  | ii. Outlines     |
| iii. Masters | iv. All of these |
- 7) ..... act as the supporting content for the presenter and did not show to the viewers.
- |              |                     |
|--------------|---------------------|
| i. Handouts  | ii. Speaker's Notes |
| iii. Outline | iv. Masters         |
- 8) Which of the following stores pre-downloaded and pre-designed images?
- |              |                   |
|--------------|-------------------|
| i. Images    | ii. Text          |
| iii. Gallery | iv. None of these |

- 9) Which of the following feature is used to progress the slide show automatically while speaking on the topic?
- i. Custom Animation
  - ii. Rehearse Timing
  - iii. Slide Transition
  - iv. Either i or ii
- 10) Which of the following is used to adjust the size for viewing a slide?
- i. Zoom Control Slider
  - ii. Zoom Level
  - iii. Both (i) and (ii)
  - iv. None of these

### **Section-B**

#### **(Subjective Type Questions)**

**6. Answer any 3 out of given 5** **[2x3=6]**

- Q1. What are two disadvantage of verbal communication?
- Q2. Explain two qualities of self-confident people?
- Q3. Discuss any two tips to build self-confidence.
- Q4. List any four characteristics of entrepreneurship.
- Q5. What are the key differences between product and service-based businesses?

**7. Answer any 4 out of given 5.** **[2x4=8]**

- Q6. Define Worksheet.
- Q7. What is Auto Fill?
- Q8. Differentiate between X-Axis and Y-Axis
- Q9. What is template?
- Q10. What is animation?

**8. Answer the following questions.** **[4x3=12]**

- Q 11. What are the different types of data that can be entered in the Cells?
- Q 12. What do you mean by cell range? Explain the different types of cell ranges.  
OR
- Q 12. Explain any four types of charts.
- Q 13. Explain any four different modes to view a presentation.  
OR
- Q 13.a) Write down two methods for saving a file in Libre Impress.  
b) Write steps for grouping an objects in Libre Impress.



1. ਪੈਰੇ ਨੂੰ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ। (6)

ਸਾਹਿਤਕਾਰ ਦਾ ਫਰਜ਼ ਇੰਜੀਨੀਅਰ, ਸਾਇੰਸਦਾਨ ਤੇ ਸਿਆਸਤਦਾਨ ਸਭ ਨਾਲੋਂ ਵੱਡਾ ਹੈ। ਸਰਮਾਏ ਦੇ ਯੁੱਗ ਵਿੱਚ ਸਾਹਿਤਕਾਰ ਦੀ ਕਦਰ ਨਹੀਂ ਪਈ ਪਰ ਜ਼ਿੰਦਗੀ ਦੇ ਸਵਾਮੀਆਂ ਵਿੱਚ ਇਹ ਤਾਂ ਵੀ ਗਿਣਿਆ ਜਾਂਦਾ ਰਿਹਾ ਹੈ। ਆਉਣ ਵਾਲੀ ਜ਼ਿੰਦਗੀ ਦੇ ਹਰ ਨਕਸ਼ ਉੱਤੇ ਅੱਜ ਦੇ ਸਾਹਿਤਕਾਰ ਦੀ ਛਾਪ ਹੋਵੇਗੀ। ਸਦੀਆਂ ਦੀ ਪੁਰਾਤਨਤਾ ਨਾਲ ਨਵੀਨਤਾ ਤੇ ਘੋਲਾਂ ਨੂੰ ਸਾਹਿਤਕਾਰ ਦੇ ਕਮਾਲ ਨੇ ਹੀ ਸਾਂਭ ਕੇ ਮਨੁੱਖਤਾ ਦਾ ਭੰਡਾਰ ਭਰਿਆ ਹੋਇਆ ਹੈ।

ਉਪਰੋਕਤ ਪੈਰੇ ਦੇ ਆਧਾਰ 'ਤੇ ਪੁੱਛੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਬਹੁ-ਵਿਕਲਪੀ ਉੱਤਰਾਂ ਵਿੱਚੋਂ ਠੀਕ ਉੱਤਰ ਦੀ ਚੋਣ ਕਰੋ।

1 ਸਭ ਤੋਂ ਵੱਡਾ ਫਰਜ਼ ਕਿਸ ਦਾ ਹੈ ?

- (ੳ) ਸਾਇੰਸਦਾਨ ਦਾ (ਅ)ਸਾਹਿਤਕਾਰ ਦਾ (ੲ) ਸਿਆਸਤਦਾਨ ਦਾ (ਸ) ਇੰਜੀਨੀਅਰ ਦਾ

2 ਕਿਹੜੇ ਯੁੱਗ ਵਿੱਚ ਸਾਹਿਤਕਾਰ ਦੀ ਕਦਰ ਨਹੀਂ ਪਈ ?

- (ੳ) ਪੁਰਾਣੇ ਯੁੱਗ ਵਿੱਚ (ਅ) ਸਰਮਾਏ ਦੇ ਯੁੱਗ ਵਿੱਚ (ੲ) ਅਜੋਕੇ ਸਮੇਂ ਵਿੱਚ (ਸ) ਤੇਤਾ ਯੁੱਗ ਵਿੱਚ

3 ,ਸਾਹਿਤਕਾਰ ਦਾ ਸਤਿਕਾਰ ਕਿਹੜੇ ਲੋਕਾਂ ਨੇ ਕੀਤਾ ਹੈ ?

- (ੳ) ਜ਼ਿੰਦਗੀ ਦੇ ਸਵਾਮੀਆਂ ਨੇ (ਅ) ਧਾਰਮਕ ਲੋਕਾਂ ਨੇ
- (ੲ) ਸਰਕਾਰੀ ਅਧਿਕਾਰੀਆਂ ਨੇ (ਸ) ਰਾਜਨੀਤਕ ਲੋਕਾਂ ਨੇ

4 ਆਉਣ ਵਾਲੀ ਜ਼ਿੰਦਗੀ ਦੇ ਹਰ ਨਕਸ਼ ਉੱਪਰ ਕਿਸ ਦੀ ਛਾਪ ਹੋਵੇਗੀ ?

- (ੳ) ਸਾਇੰਸਦਾਨਾਂ ਦੀ (ਅ) ਸਿਆਸਤਦਾਨ ਦੀ (ੲ) ਸਾਹਿਤਕਾਰ ਦੀ (ਸ) ਧਾਰਮਕ ਆਗੂਆਂ ਦੀ

5 ਇਸ ਪੈਰੇ ਦਾ ਢੁਕਵਾ ਸਿਰਲੇਖ ਚੁਣੋ-

- (ੳ) ਸਾਹਿਤਕਾਰ ਤੇ ਸਮਾਜ (ਅ) ਸਾਹਿਤਕਾਰਾਂ ਦਾ ਯੋਗਦਾਨ
- (ੲ) ਸਾਹਿਤ ਤੇ ਜ਼ਿੰਦਗੀ (ਸ) ਸਰਮਾਏਦਾਰਾਂ ਦੇ ਯੁੱਗ

6 ਸਾਹਿਤਕਾਰਾਂ ਨੇ ਆਪਣੇ ਕਮਾਲ ਨਾਲ ਕੀ ਭਰਿਆ ਹੈ?

- (ੳ)ਪੁਰਾਤਨਤਾ ਨਾਲ ਨਵੀਨਤਾ ਦੇ ਘੋਲਾਂ ਨੂੰ (ਅ) ਜ਼ਿੰਦਗੀ ਵਿੱਚ ਸਾਹਿਤ ਨੂੰ
- (ੲ)ਸਾਹਿਤਕਾਰਾਂ ਦੀ ਛਾਪ (ਸ)ਕੋਈ ਵੀ ਨਹੀਂ

2 ਕਾਵਿ ਟੁਕੜੀ ਨੂੰ ਪੜ੍ਹੇ ਤੇ ਪੁੱਛੇ ਗਏ ਪ੍ਰਸ਼ਨ ਦੇ ਉੱਤਰ ਦਿਓ। (4)

ਸਭ ਅੰਨ ਅਨਾਜ ਗਰੀਬਾਂ ਦਾ,  
ਗੋਦਾਮਾਂ ਦੇ ਵਿੱਚ ਦਫ਼ਨ ਪਿਆ।  
ਸਭ ਦੁਨੀਆਂ ਦਾ ਲੋਹਾ ਕੋਇਲਾ ,  
ਹਥਿ ਆਰਾਂ ਦੇ ਵਿੱਚ ਬਦਲ ਗਿਆ  
ਦੈਂਤਾਂ ਦੀਆਂ ਭੱਠੀਆਂ ਗਰਮ ਸਦਾ,  
ਲੋਕਾਂ ਚੁੱਲੇ ਅੰਗਿਆਰ ਨਹੀਂ।

ਪ੍ਰਸ਼ਨ 1 ਗੁਦਾਮਾਂ ਵਿੱਚ ਕੀ ਰੱਖਿਆ ਹੋਇਆ ਹੈ?

ਪ੍ਰਸ਼ਨ 2 ਲੋਹੇ ਤੇ ਕੋਇਲੇ ਨੂੰ ਕਿਸ ਵਿੱਚ ਬਦਲਿਆ ਜਾ ਰਿਹਾ ਹੈ?

ਪ੍ਰਸ਼ਨ 3 ਅਨਾਜ ਕਿੰਨਾ ਲੋਕਾਂ ਦਾ ਹੈ?

ਪ੍ਰਸ਼ਨ 4 ਕਿੰਨਾ ਦੀਆਂ ਭੱਠੀਆਂ ਸਦਾ ਗਰਮ ਰਹਿੰਦੀਆਂ ਹਨ?

2. ਵਿਆਕਰਨ ਭਾਗ:- ਬਹੁ ਵਿਕਲਪੀ ਅਤੇ ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰੋ। (12)

1 ਸਹੀ ਵਿਰੋਧੀ ਸ਼ਬਦ ਦੀ ਚੋਣ ਕਰੋ:-

(1) ਅਸ਼ੁੱਭ :

- (i) ਕਿਸਮਤ ਵਾਲਾ (ii) ਆਭਾਗਾ (iii) ਮਿਲਣਸਾਰ (iv) ਸੁੱਭ

(2) ਖਰਾ:

- (i) ਆਧਾਰੀ (ii) ਮੋੜਾ (iii) ਚੰਦਰ (iv) ਬਿਲਵਾਰ

2 . ਸਹੀ ਵਿਕਲਪ ਦੀ ਚੋਣ ਕਰੋ।

1 ਜਿਹੜੇ ਸ਼ਬਦ ਔਰਤ ਦੇ ਮਰਦ ਦੇ ਰੂਪ ਨੂੰ ਪ੍ਰਗਟ ਕਰਦੇ ਹਨ, ਉਹਨਾਂ ਨੂੰ ਕੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ?

ਪੜਨਾਂਵ                      ਕਿਰਿਆ                      ਲਿੰਗ                      ਵਿਸ਼ੇਸ਼ਣ

2 ਜਿਹੜੇ ਸ਼ਬਦਾਂ ਤੋਂ ਉਹਨਾਂ ਦੇ ਮਾਦਾ ਜਾਂ ਜਨਾਨਾ ਰੂਪ ਸਬੰਧੀ ਜਾਣਕਾਰੀ ਮਿਲਦੀ ਹੈ ਉਨ੍ਹਾਂ ਨੂੰ ਕਿਹਾ ਜਾਂਦਾ ਹੈ:-

ਲਿੰਗ                      ਪੁਲਿੰਗ                      ਇਸਤਰੀ ਲਿੰਗ                      ਕੋਈ ਵੀ ਨਹੀ

3. ਠੀਕ ਵਿਕਲਪ ਸਾਹਮਣੇ ਦਾ ਨਿਸ਼ਾਨ ਲਗਾਓ।

1) ਵਿਸਮਿਕ ਕਿੰਨੀ ਕਿਸਮ ਦੇ ਹੁੰਦੇ ਹਨ?

ਚਾਰ                      ਅੱਠ                      ਛੇ                      ਨੌਂ

2) ਸੂਚਨਾ ਵਾਚਕ ਕਿਹੜਾ ਹੈ?

ਵੇ!                      ਖ਼ਬਰਦਾਰ !                      ਦਫ਼ਾ ਹੋ !                      ਕਾਸ਼ !

4 ਹੇਠ ਲਿਖੇ ਵਾਕਾਂ ਨੂੰ ਸ਼ੁੱਧ ਕਰਕੇ ਲਿਖੋ।

1) ਉਹ ਬਔਹਤ ਸ਼ਕਤੀਸ਼ਾਲੀ ਹੈ।                      2) ਏਕੇ ਵਿੱਚ ਬਰਕਤ ਹੁਨਦੀ ਹਨ।

5 (1) ਕਿਰਿਆ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ?

(2) ਸਕਰਮਕ ਕਿਰਿਆ ਕਿਸ ਨੂੰ ਕਹਿੰਦੇ ਹਨ?

6. ਹੇਠ ਲਿਖੇ ਮੁਹਾਵਰਿਆਂ ਨੂੰ ਇਸ ਤਰ੍ਹਾਂ ਵਾਕਾਂ 'ਚ ਵਰਤੋਂ ਕਿ ਉਨ੍ਹਾਂ ਦੇ ਅਰਥ ਸਪਸ਼ਟ ਹੋ ਜਾਣ। (ਕੋਈ ਦੋ)

(i) ਇੱਟ ਕੁੱਤੇ ਦਾ ਵੈਰ ਹੋਣਾ    (ii) ਅਕਲ ਤੇ ਪੱਥਰ ਪੈਣਾ    (iii) ਅੱਗ ਦੇ ਭਾਅ ਹੋਣਾ    (iv) ਉੱਨੀ -ਇੱਕੀ ਦਾ ਫ਼ਰਕ ਹੋਣਾ

3 ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ

(18)

1 ਦਿੱਤੇ ਗਏ ਨੁਕਤਿਆਂ ਦੇ ਆਧਾਰ ਤੇ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਤੇ ਲੇਖ ਲਿਖੋ

(8)

ਮੰਗਤਿਆਂ ਦੀ ਸਮੱਸਿਆ

ਨੁਕਤੇ---- ਜਾਣ ਪਛਾਣ, ਮੰਗਤਿਆਂ ਦੀ ਵੱਧ ਰਹੀ ਗਿਣਤੀ, ਮੰਗਣ ਦੇ ਕਾਰਨ, ਮੰਗਣ ਦੇ ਢੰਗ ,ਤਰਸ ਦੀ ਭਾਵਨਾ ਦਾ ਦੁਰ ਉਪਯੋਗ, ਮੰਗਣ ਤੋਂ ਰੋਕਣਾ

ਜਾਂ

ਮੇਥਾਇਲ ਦੀ ਦੁਰਵਰਤੋਂ

ਨੁਕਤੇ:- ਭੂਮਿਕਾ, ਸੜਕ ਉੱਪਰ ਮੇਥਾਇਲ ਦੀ ਵਰਤੋਂ ਤੇ ਹਾਦਸੇ ,ਦਫ਼ਤਰਾਂ ਵਿੱਚ ਮੇਥਾਇਲ ਦੀ ਬੇਲੋੜੀ ਵਰਤੋਂ, ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਇਸ ਦਾ ਰੁਝਾਨ, ਮੇਥਾਇਲ ਦੀ ਵਰਤੋਂ ਨਕਲ ਕਰਨ ਲਈ ,ਸਮੱਸਿਆ ਦਾ ਹੱਲ, ਸਾਰੰਸ਼

4 . ਕੋਈ ਇੱਕ ਪੱਤਰ ਲਿਖੋ।

(6)

ਆਪਣੇ ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨੂੰ ਬੇਲੋੜੇ ਫੈਸ਼ਨਾਂ ਤੋਂ ਵਰਜਦਿਆਂ ਪੜ੍ਹਾਈ ਵੱਲ ਵਧੇਰੇ ਧਿਆਨ ਦੇਣ ਲਈ ਪੱਤਰ ਲਿਖੋ।

ਜਾਂ

ਤੁਹਾਡੇ ਪਿਤਾ ਜੀ ਘਰੋਂ ਬਾਹਰ ਦੂਸਰੇ ਸ਼ਹਿਰ ਵਿੱਚ ਨੌਕਰੀ ਕਰਦੇ ਹਨ ਉਨ੍ਹਾਂ ਨੂੰ ਚਿੱਠੀ ਲਿਖਦਿਆਂ ਦਾਦਾ ਜੀ ਦੀ ਵਿਗੜਦੀ ਸਿਹਤ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿਓ।

5. ਦਿੱਤੇ ਗਏ ਚਿੱਤਰ ਦਾ ਵਰਣਨ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ ਕਰੋ।

(4)



6. ਪਾਠ ਪੁਸਤਕਾਂ ਤੇ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ (40)

1 ਵਹਿਮੀ ਤਾਇਆ ਲੇਖ ਦਾ ਲੇਖਕ ਕੌਣ ਹੈ?(5)

ਸੂਬਾ ਸਿੰਘ ਬਲਰਾਜ ਸਾਹਨੀ ਲਾਲ ਸਿੰਘ ਕਮਲਾ ਅਕਾਲੀ ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ

2. ਤਾਏ ਨੂੰ ਬੱਕਰੀ ਦੇ ਸਿੰਗਾਂ ਨਾਲ ਕੀ ਬੰਨਿਆ ਜਾਪਦਾ ਸੀ?

ਧਾਗਾ ਛੁਰੀਆਂ ਘੰਟੀ ਘੁੰਗਰੂ

3 ਬਲਰਾਜ ਸਾਹਨੀ ਦਾ ਜਨਮ ਕਿੱਥੇ ਹੋਇਆ

ਗੁੱਜਰਾਂਵਾਲਾ ਸਿਆਲਕੋਟ ਪਿਸ਼ਾਵਰ ਰਾਵਲਪਿੰਡੀ

4 ਪਿੰਡ ਵਿੱਚ ਹੋਏ ਵੱਡੇ ਹਾਦਸੇ ਵਿੱਚ ਕਿਸ ਦਾ ਘਰ ਢਹਿ ਗਿਆ ਸੀ

ਦਰਬਾਰੇ ਦਾ ਕਪੂਰ ਸਿੰਘ ਦਾ ਨਾਹਰ ਸਿੰਘ ਦਾ ਰਾਮ ਸਿੰਘ ਦਾ

5 ਜੁਗਲ ਪ੍ਰਸ਼ਾਦ ਦੀ ਪਤਨੀ ਦਾ ਕੀ ਨਾਂ ਸੀ

ਸਰੋਜ ਦੀਪਿਕਾ ਦੇਵਕੀ ਰੰਜਨਾਂ

7 ਬਹੁਤ ਛੋਟੇ ਉਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰੋ:- (1x5=5)

1. ਕਵਿਤਾ 'ਸਮਾਂ' ਵਿੱਚ ਕੌਣ ਪੱਲਾ ਛੁਡਾ ਕੇ ਖਿਸਕ ਗਿਆ?

2. ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ ਕਵਿਤਾ ਵਿੱਚ ਕਵੀ ਨੇ ਕਿਹੜੇ ਮਹੀਨੇ ਦੀ ਗੱਲ ਕੀਤੀ ਹੈ?

3. ਮੌਨਧਾਰੀ ਇਕਾਂਗੀ ਦੇ ਕੁੱਲ ਕਿੰਨੇ ਪਾਤਰ ਹਨ?

4. ਰਾਮ ਪਿਆਰੀ ਦੇ ਪਤੀ ਦਾ ਕੀ ਨਾਂ ਹੈ?

5. 'ਮੈਂ ਪੰਜਾਬੀ' ਕਵਿਤਾ ਵਿੱਚ ਕਵੀ ਕਿਸ ਚੀਜ਼ ਪ੍ਰਤੀ ਆਪਣਾ ਪਿਆਰ ਪ੍ਰਗਟ ਕਰਦਾ ਹੈ?

6. ਈਸ਼ਵਰ ਚੰਦਰ ਨੰਦਾ ਨੂੰ ਪੰਜਾਬੀ ਨਾਟਕ ਦਾ ਕੀ ਹੋਣ ਦਾ ਮਾਣ ਪ੍ਰਾਪਤ ਹੈ?

8 ਦਿੱਤੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ 25-30 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿਓ:- (7x2=14)

1. ਜੁਗਲ ਪ੍ਰਸ਼ਾਦ ਅੰਗਰੇਜ਼ੀ ਸਕੂਲਾਂ ਨੂੰ ਕਿਉਂ ਵਧੀਆ ਸਮਝਦਾ ਸੀ?

2. ਜਦੋਂ ਦਰਬਾਰਾ ਸਿੰਘ ਨੇ ਪੈਸੇ ਨਾ ਹੋਣ ਦਾ ਬਹਾਨਾ ਮਾਰਿਆ ਤਾਂ ਕਪੂਰ ਸਿੰਘ ਨੇ ਕੀ ਕਿਹਾ?

3. ਮਦਨ ਲਾਲ ਕਿਸ ਪਰੇਸ਼ਾਨੀ ਵਿੱਚ ਆਪਣੀ ਮਾਸੀ ਦੇ ਘਰ ਆਉਂਦਾ ਹੈ?

4. ਸਾਧੂਆਂ ਨੂੰ ਘਰ ਬੈਠੇ ਦੇਖ ਕੇ ਕਿਸ਼ੋਰ ਉਨ੍ਹਾਂ ਨੂੰ ਕੀ ਕਹਿੰਦਾ ਹੈ?

5. ਜੁਗਲ ਪ੍ਰਸ਼ਾਦ ਨੇ ਅੰਗਰੇਜ਼ੀ ਸਕੂਲ ਦੀ ਦਾਖਲਾ ਫੀਸ ਦਾ ਪ੍ਰਬੰਧ ਕਿਵੇਂ ਕੀਤਾ?

6. ਜੇਤੀ ਨੂੰ ਜਮਾਤ ਵਿੱਚੋਂ ਕਿਸ ਮੰਤਵ ਲਈ ਚੁਣਿਆ ਗਿਆ?

7. ਕਪੂਰ ਸਿੰਘ ਅਤੇ ਦਰਵਾਰੇ ਵਿਚਕਾਰੇ ਰੋੜਕਾ ਕਿਸ ਗੱਲ ਉੱਤੇ ਪੈ ਗਿਆ?

8. ਮਦਨ ਲਾਲ ਤੇ ਰਾਮ ਪਿਆਰੀ ਦਾ ਆਪਸ ਵਿੱਚ ਕੀ ਰਿਸ਼ਤਾ ਹੈ?

9 ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ 50-60 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿਓ। (4 x 3=12)

1. ਸਮਾਂ ਕਵਿਤਾ ਦਾ ਕੇਂਦਰੀ ਭਾਵ ਲਿਖੋ

ਜਾਂ

ਕਵੀ ਮੈਂ ਪੰਜਾਬੀ ਕਵਿਤਾ ਵਿੱਚ ਕਿਹੜੇ-ਕਿਹੜੇ ਸੂਫੀ ਕਵੀਆਂ ਨੂੰ ਯਾਦ ਕਰਦਾ ਹੈ ਤੇ ਕਿਉਂ?

2. ਤਾਇਆ ਮਨਸਾ ਰਾਮ ਨੂੰ ਸਾਰਾ ਪਿੰਡ ਹੀ ਵਹਿਮੀ ਤਾਇਆ ਕਿਉਂ ਆਖਦਾ ਸੀ?

ਜਾਂ

ਲੇਖਕ ਆਪਣੇ ਘਰ ਨੂੰ ਵੇਖਣ ਸਮੇਂ ਕਿਉਂ ਆਪਾ ਖੋਹ ਬੈਠਿਆਂ ?

3. ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ ਕਵਿਤਾ ਵਿੱਚ ਕਵੀ ਨੇ ਮੇਲੇ ਦਾ ਜੋ ਚਿੱਤਰ ਪੇਸ਼ ਕੀਤਾ ਹੈ ਉਸ ਨੂੰ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।

ਜਾਂ

ਲੇਖਕ ਨੂੰ ਆਪਣੀ ਗਲੀ ਦਾ ਦ੍ਰਿਸ਼ ਦੇਖ ਕੇ ਕਿਵੇਂ ਮਹਿਸੂਸ ਹੋਇਆ?

10. ਰਾਮ ਪਿਆਰੀ ਦਾ ਪਾਤਰ -ਚਿੱਤਰਨ ਕਰੋ (4)

ਜਾਂ

ਕਿਸ਼ੋਰ ਚੰਦ ਦਾ ਪਾਤਰ-ਚਿੱਤਰਨ ਕਰੋ



# BhagwanMahaveer Public Sr. Sec School ,Banga

## TERM-I EXAM

### CLASS 9<sup>th</sup> (VIVEKANAND)-Mathematics

Max Marks : 80

Time allowed : 3

#### Section - A

Each question carries one marks.

( 1×20 = 20)

- Can we write 0 in the form of  $p/q$ ?  
a. Yes.                      b No                      c. Cannot be explained                      d. None of the above
- $\sqrt{9}$  is a \_\_\_\_\_ number.  
a. Rational    b. Irrational  
c. Neither rational or irrational                      d. None of the above
- $3\sqrt{6} + 4\sqrt{6}$  is equal to:  
a.  $6\sqrt{6}$                       b.  $7\sqrt{6}$                       c.  $4\sqrt{6}$                       d.  $7\sqrt{6}$
- The coefficient of  $x^3$  in the polynomial  $x^3 - 2x + 3 = 0$  is  
a. 1                      b. -2                      c. +3                      d. 0
- The degree of the polynomial  $x^6 - x^5 - 4x^3 - 3x + 8 = 0$  is  
a. 5                      b. 3                      c. 1                      d. 6
- Which of the following is the quadratic polynomial?  
a.  $x^3 - x^2 + 2x - 7 = 0$                       b.  $x^5 - x^3 - 4x = 0$   
c.  $x^2 + 3x + 8 = 0$                       d. 3
- If the coordinates of a point are (3, 0), then it lies in:  
a) X-axis                      b) Y-axis                      c) At origin                      d) Between x-axis and y-axis
- The points (-4, -8) lies in:  
a) First quadrant    b) Second quadrant  
c) Third quadrant    d) Fourth quadrant
- The name of horizontal line in the cartesian plane which determines the position of a point is called:  
A) Origin                      b) X-axis                      c) Y-axis                      d) Quadrants
- The solution of equation  $x - 2y = 4$  is:  
a) (0,2)                      b) (2,0)                      c) (4,0)                      d) (1,1)
- The value of k, if  $x = 1$ ,  $y = 2$  is a solution of the equation  $2x + 3y = k$ .  
a) 5                      b) 6                      c) 7                      d) 8
- A point has \_\_\_\_\_ dimension.  
a) One                      b) Two                      c) Three                      d) Zero
- There are \_\_\_\_\_ number of Euclid's Postulates  
a) Three                      b) Four                      c) Five                      d) Six
- If two lines intersect each other, then the vertically opposite angles are:  
a) Equal    b) Unequal  
c) Cannot be determined                      d) None of the above
- Two angles whose sum is equal to  $180^\circ$  are called:  
a) Vertically opposite angles                      b) Complementary angles  
c) Adjacent angles                      d) Supplementary angles
- If the perimeter of an equilateral triangle is 180 cm. Then its area will be:  
a.  $900 \text{ cm}^2$                       b.  $900\sqrt{3} \text{ cm}^2$                       c.  $300\sqrt{3} \text{ cm}^2$                       d.  $600\sqrt{3} \text{ cm}^2$

17. Area is measure in

- a)  $m^2$                       b)  $cm^2$                       c) Both a and b    d) None of these

18. According to Herons formula the area of triangle is

- a)  $A = \sqrt{s}(s+a)(s+b)(s+c)$                       b)  $A = \sqrt{(s-a)(s-b)(s-c)}$   
c)  $A = \sqrt{s}(s-a)(s-b)(s-c)$                       d) None

19. **Assertion:**  $80^\circ$  is an acute angle type

**Reason:** the angle which is less than  $90^\circ$  is known as acute angle

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

20. **Assertion:** If  $x = 2, y = 1$  is a solution of the equation  $2x + 3y = k$ , then the value of  $k$  is 7.

**Reason:** The solution of the line will satisfy the equation of the line.

- a) Both Assertion and Reason are correct and Reason is the correct explanation for Assertion  
b) Both Assertion and Reason are correct and Reason is not the correct explanation for Assertion.  
c) assertion is true but the reason is false.  
d) both assertion and reason are false

**Section -B**

**Each question carries 2 marks.**

**( 2 × 5 = 10)**

1. Rationalise the denominator of  $\frac{1}{\sqrt{3}+\sqrt{2}}$
2. Find the value of polynomial at the indicated value of variable.  
 $P(y) = y^3 - y^2 + 5. \quad (y = 2)$

Or

Find zero of the polynomial  $p(x) = 2x + 7$

3. Write an equation  $3y = 4$  in the form of  $ax + by + c = 0$ . also write the value of  $a, b$  &  $c$
4. Write any two Euclid's postulate.
5. Observe the following figure and identify the type of angle



Or

In a triangle, the angles are in the ratio of 1: 3:2. Find all angles.

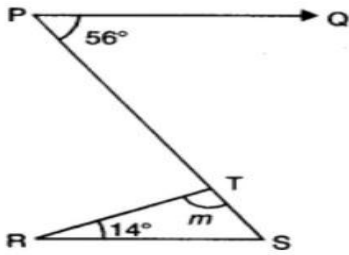
**Section- C**

**Each question carries 3 marks.**

**( 3 × 6 = 18)**

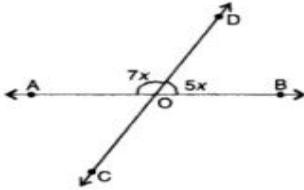
1. What is the area of a triangle whose sides are 9 cm, 12 cm and 15 cm?

2. In the given figure, if  $PQ \parallel RS$ , then find the measure of angle  $m$ .



Or

In the given figure, lines  $AB$  and  $CD$  intersect at  $O$ . Find the value of  $x$ .



3. Write three solutions of the equation  $x + y = 7$ .

Or

Find the value of  $k$ , if  $x = 2$  is solution of linear equation  $4x + 6k = -6$

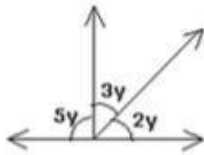
4. Plot the following points and check whether they are collinear or not:  $(1, 3)$ ,  $(-1, -1)$ ,  $(-2, -3)$
5. Expand  $(2x + 3y)^3$
6. Express  $0.\overline{7}$  in the form of  $\frac{p}{q}$ , where  $p$  and  $q$  are integers and  $q \neq 0$ .

**Section -D**

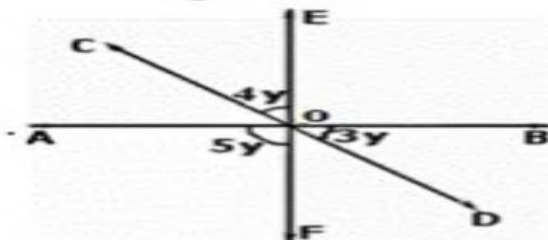
**Each question carries 5 marks.**

**( 5 × 4 = 20 )**

1. (a) Evaluate  $103 \times 107$  products without multiplying directly.  
(b) Solve :  $(x + 7)(x + 10)$
2. Plot the points  $A(2,0)$ ,  $B(2,2)$ ,  $C(0,2)$  and join  $OA, AB, BC$  and  $CO$ . What figure do you obtain?
3. (a) In the given figure, find value of  $y$ .

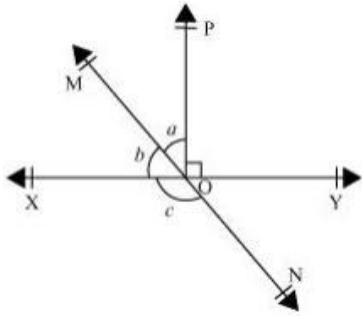


( b ) In the given figure, find value of  $y$ .



Or

In the given figure, lines  $XY$  and  $MN$  intersect at  $O$ . If  $\angle POY = 90^\circ$  and  $a:b = 2 : 3$ , find  $c$ .



4. A triangular park has sides 120 m, 80 m and 50 m. A gardener has to put a fence all around it and also plant grass inside. How much area does he need to plant?

**Or**

The sides of a triangle are in the ratio of 12: 17: 25 and its perimeter is 540 cm. Find its area.

**SECTION- E**

**(3x4=12)**

**Case study**

1. On one day, principal of a particular school visited the classroom. Class teacher was teaching the concept of polynomial to students. He was very much impressed by her way of teaching. To check, whether the students also understand the concept taught by her or not, he asked various questions to students by giving the polynomial

$$p(x) = x^2 + 5x + 6$$

**Some of questions are given below. Answer them.**

- a. Find the type of given polynomial as quadratic, cubic or linear .
- b. Factorize  $p(x) = x^2 + 5x + 6$

1

**OR**

c. Find the value of  $p(3) + p(1)$

Write the coefficient of x in  $p(x) = x^2 + 5x + 6$

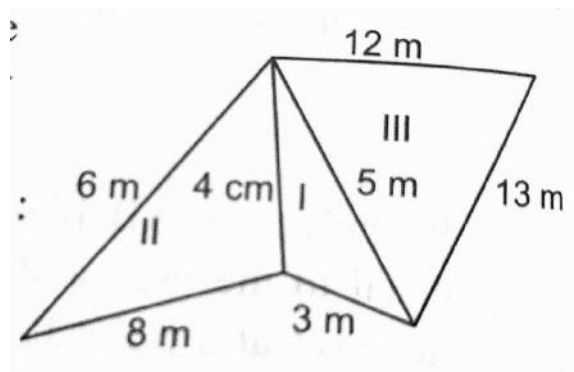
2. Ojas has a farm, which he has divided into three parts, the first part for living, the second part for animal husbandry and the third part for agriculture as shown in the figure.

**Based on above information, answer the following questions:**

- a) What is the area of living part? 1
- b) What is the area of animal husbandry? 1
- c) Find the area of agriculture part. 2

**OR**

Find the total area of the farm.



3. In a one-day International cricket match between India and Australia played in Ranchi two Indian batsmen together scored 175 runs. Consider, runs scored by

first batsman as  $x$  and runs scored by second batsman as  $y$  . Answer the following questions :

- a) Write a linear equation for the given situation .
- b) Find any two solution of the linear equation prepared in above question .
- c) If runs scored by first batsman is 50 more than the second batsman, then write the linear equation in this situation and further find any two solutions of this equation .

**OR**

If runs scored by second batsman is twice the runs scored by the first batsman then write the linear equation in this situation .and further find any two solutions of this equation .



# BhagwanMahaveer Public Sr. Sec School ,Banga

## TERM-I EXAM

### CLASS 9<sup>th</sup> (VIVEKANAND)-SCIENCE

Max Marks : 80

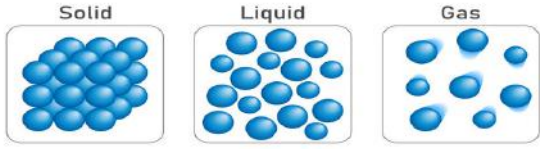
Time allowed : 3 hrs

#### General Instructions:

- (1) There are 38 questions in all. All questions are compulsory.
- (2) This question paper has five sections: Section A, Section B, Section C, Section D and Section E.
- (3) All the sections are compulsory.
- (4) Section A contains Twenty questions, MCQ/Fill ups/Assertion-Reasoning of 1 mark each, Section B contains five questions of two marks each, Section C contains six questions of three marks each, Section D contains Four long answer questions of five marks each Section E contains three case study based questions of four marks each.
- (5) There is no overall choice. However, an internal choice has been provided in some questions. You have to attempt only one of the choices in such questions.

SECTION - A		
	<b>MCQ :</b>	
1	27°C in Kelvin is equal to a) 290 K                      b) 300 K                      c) 325 K                      d) 400 K	1
2	Melting point of ice is equal to a) 473 K                      b) 373 K                      c) 273 K                      d) 173 K	1
3	A Particle covers 25 m in 5 seconds then its speed is equal to a) 25 m/s                      b) 15 m/s                      c) 5 m/s                      d) 10 m/s	1
4	Speed of Sound in air is roughly equal to a) 145 m/s                      b) 245 m/s                      c) 345 m/s                      d) 445 m/s	1
5	Which of the following is generally not contained by Fertilizers a) Nitrogen                      b) Potassium                      c) Phosphorus                      d) Sodium	1
6	A Solution contains 40 g of common salt in 60 g of water then mass percentage of solution(solute) equals a) 40 %                      b) 50 %                      c) 60 %                      d) 100 %	1
7	In a water- sugar solution a) Water is solvent and sugar is solute b) Sugar is solvent and Water is solute c) Water acts both as Solute and solvent d) None of these	1
8	The Cell organelle involved in forming complex sugars from simple sugar are a) Golgi apparatus                      b) plastids                      c) Ribosomes                      d) endoplasmic reticulum	1
9	Which of the following is not a function of Vacuole? a) Locomotion                      b) storage                      c) rigidity to cell                      d) waste excretion	1
10	Which cell does not have perforated cell wall ? a) Vessels                      b) sieve tubes                      c) companion cells                      d) Tracheids	1
	<b>Fill in the Blanks</b>	
11	..... Is the only metal that is liquid at room temperature	1
12	..... are known as the Powerhouse of the cell	1

14	When a Solid converts to Liquid state , process is called .....	1						
15	Manure contains large amount of.....	1						
	<p><b>For Questions 16 to 20, two statements are given –one labelled Assertion (A) and other labelled Reason (R). Select the correct answer to these questions from the options as given below.</b></p> <p>a) If both Assertion and Reason are true and Reason is correct explanation of Assertion.</p> <p>b) If both Assertion and Reason are true but Reason is not the correct explanation of Assertion.</p> <p>c) If Assertion is true but Reason is false.</p> <p>d) If both Assertion and Reason are false.</p>							
16	<p><b>Assertion :</b> Solids have fixed Shape and fixed Volume</p> <p><b>Reason :</b> Solids have strong inter-atomic forces of attraction</p>	1						
17	<p><b>Assertion :</b> Evaporation of water is a Physical change</p> <p><b>Reason :</b> No new substance is formed in Evaporation of water</p>	1						
18	<p><b>Assertion :</b> Lysosomes are called suicidal bags</p> <p><b>Reason :</b> They are covered by single membrane</p>	1						
19	<p><b>Assertion :</b> Osmosis is a special case of diffusion</p> <p><b>Reason :</b> Both involve movement of particles due to concentration difference</p>	1						
20	<p><b>Assertion:</b>10 N force on object of mass 2 kg will produce an acceleration of 5 m/s<sup>2</sup> .</p> <p><b>Reason :</b> Because Force = mass x acceleration</p>	1						
<b>SECTION –B</b>								
21	Name two factors affecting rate of evaporation of a liquid	2						
22	Draw a well labeled diagram of a neuron	2						
23	<p>A body starts from rest and attains a velocity of 36 km/h in 10 seconds. Find the acceleration of the body</p> <p style="text-align: center;"><b>OR</b></p> <p>Draw the distance-time graph for an object moving with uniform Speed.</p>	2						
24	The frequency of a source of sound is 100 Hz. How many times does it vibrate in a minute?	2						
25	Why are manure and Fertilizers used in fields?	2						
<b>SECTION –C</b>								
26	Differentiate between Colloid and True Solution. Give two properties of Colloid.	3						
27	<p>Given the following items (all at room temperature):Oxygen, iron rod, mustard oil, almonds, hydrogen, rubber band, diesel, duster, milk, cold drink.</p> <p>Pick from these and fill the following table</p> <table border="1" style="margin-left: 20px;"> <tr> <td><b>Solid</b></td> <td></td> </tr> <tr> <td><b>Liquid</b></td> <td></td> </tr> <tr> <td><b>Gases</b></td> <td></td> </tr> </table>	<b>Solid</b>		<b>Liquid</b>		<b>Gases</b>		3
<b>Solid</b>								
<b>Liquid</b>								
<b>Gases</b>								
28	How is a Prokaryotic cell different from a eukaryotic cell? Give atleast three	3						

	differences	
29	Define Newton's Third law of motion. Give its two applications in daily life .  OR Find the wavelength of a Sound wave whose frequency is 220 Hz and speed is 440 m/s.	3
30	Define Organic farming. List any two benefits of using organic farming	3
31	Differentiate between Homogeneous & Heterogeneous mixture by giving suitable examples of each	3
<b>SECTION -D</b>		
32	A Solution contains 40 g of common salt in 320 g of water. Calculate the concentration in terms of mass by mass percentage of the solution Mention any three properties of Suspension	5
33	What would happen if the plasma membrane ruptures or breaks down? What would happen to the life of a cell if there was no Golgi apparatus?	5
34	A Car accelerates from 18 km/h to 36 km/h in 5 sec. find the acceleration of the car and distance covered by the car	5
35	Draw the First and second equation of motion Graphically $V = u + at$ (First equation of motion) $S = ut + at^2/2$ (second equation of motion)	5
Or		
	a) Define Multiple Reflection of Sound. Mention its few applications b) Differentiate between Infrasonic and ultrasonic waves. Give few application of ultrasonic waves	
<b>SECTION -E</b>		
<b>CASE STUDY BASED QUESTIONS</b>		
36.	<b>Read the following paragraph and answer the following</b> A solid can be defined as a substance which exists in the solid-state, which is one of the four fundamental states of matter.  States of matter  Solid      Liquid      Gas 	

4

All solids have rigid structures that tend to resist any external forces applied to them. A liquid is one of the states of matter. The particles in a liquid are free to flow, so while a liquid has a definite volume, it does not have a definite shape. Liquids consist of atoms or molecules that are connected by intermolecular bonds. A gas is defined as a state of matter consisting of particles that have neither a defined volume nor defined shape.

- Which state of matter has fixed volume but not fixed shape ?
- Which state of matter is least densely packed ?
- What is the state of water at room temperature ?
- Which state of matter has highest compressibility ?

**37 Read the following paragraph and answer the following**

4

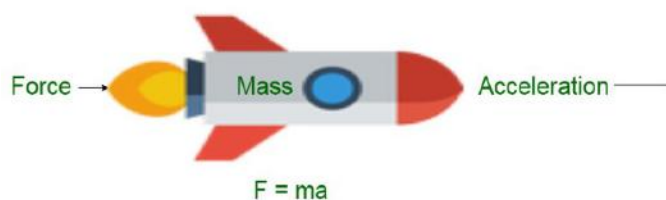
Nervous or the nerve tissue is the main tissue of our nervous system. It monitors and regulates the functions of the body. Nervous tissue consists of two cells: nerve cells or neurons and glial cells, which helps transmit nerve impulses and also provides nutrients to neurons. Brain, Spinal Cord, and nerves are composed of nervous tissue, they are specialized for being stimulated to transmit stimulus from one to another part of the body rapidly.

- What could be the length of a nerve cell?
- State one function of nerve tissue
- Name some body parts which contain nerve cells?
- State the function of axon in nerve tissue

**38 Read the following paragraph and answer the following**

4

Newton's second law of motion pertains to the behavior of objects for which all existing forces are not balanced.



The second law states that the acceleration of an object is dependent upon two variables - the net force acting upon the object and the mass of the object. The acceleration of an object depends directly upon the net force acting upon the object, and inversely upon the mass of the object. As the force acting upon an object is increased, the acceleration of the object is increased.

- Why cricket fielder lowers his hands while holding a catch
- Find the force applied if it accelerates an object of mass 10 kg with an acceleration of 10 m/s<sup>2</sup>
- What is the net force acting on a body moving with uniform velocity ?
- Mention any one application of Newton's second law of motion



**Bhagwan Mahaveer Public Sr. Sec School , Banga**

**TERM-I EXAM**

**CLASS 9<sup>th</sup> (VIVEKANAND)-Social science**

**Max Marks : 80**

**Time allowed : 3 hr**

**Multiple choice questions. Each carry one mark.**

1×16=16

Q1.Which country has the highest Geographical Area?

- a) Canada                      b) Russia                      c) USA                      d) China

Q2).....constitutes one of the ancient landmasses on the earth's surface.

- a) peninsular plateau      b) The northern plains      c) The Indian desert      d) The Coastal plains

Q3.Which of the following treaty was signed with Germany after World War 1.

- a) Treaty of Versaille                      b) Treaty of turkey  
c) Treaty of World War II                      d) Treaty of peace

Q4.The representative of the third estate assembled in the hall of Indoor tennis court in the ground of Versailles. They declared themselves as.....

- a) Convention      b) National Assembly      c) Tennis court Oath      d) Socialist

Q5.Until 2015, In..... Women did not have the right to vote.

- a) Mexico.                      b) Russia                      c) China.                      d) Saudi Arabia

Q6.Select the correct answer to this questions from the codes 1,2,3 and 4 as given below.

- 1.Both A and R true and R is the correct explanation of the assertion.  
2.Both A and R are true but R is not the correct explanation of the assertion.  
3.A is true but R is false.  
4.A is false but R is true.

**Assertion:** Democracy enhances the dignity of citizens .

**Reason:** The poorest and the least educated have the same status as the rich and the educated in democracy.

Q7.identify the picture.....



Q8. Name any two neighbour countries of India.

Q9.Which one of the following terms was used for elected consultative parliament in Russia.

- a) Soviet.                      b)Duma                      c) Aurora.                      d) Cheka

**Q10.identify the leader highlighted in the picture.**



**State true or False**

Q11. A tax levied by the church on peasants was called tithes.

Q12. In September 1939, Germany invaded.....

- a) France.                      b) England                      c) Italy                      d) Poland

Q13. State true or false

The idea of liberty and democratic rights were the most important legacy of the French revolution.

Q14. Correct the following statement and rewrite .

India has a bi-party system.

Q15. State true or false

Standard Meridian passes through five states of India .

Q16. Fill in the blanks

.....sea lies in Western part of India.

**Q 2. Very Short Answer type questions.****(2×4=8)**

1. What was Bastille?
2. a) When was the first World War broke out?  
b) What is Human capital?

Or

What is Non economic Activity? Give one example.

3. Who was Nelson Mandela?
4. What is Bhangar?

**Q3. Short Answer type questions :****(3×6=18)**

1. Mention any three factors which make the elections democratic.  
OR

Describe the three main features of Sarva Shiksha Abhiyan"

2. "Increase in unemployment is an indicator of a depressed economy "Do you agree with this statement? Support your Answer by giving arguments.
3. What do you understand by Apartheid? How were the blacks treated under the system of apartheid in South Africa?
4. How did India's contact with the rest of the world contribute in the exchange of ideas and commodities? Explain.
5. Give any three laws enforced by Napoleon to modernise the France?
6. Analyse the three major factors responsible for unemployment In india.

**Q4. Long Answer type questions .****(5×6=30)**

1. Explain the initiative taken by the government to improve elementary education in India. (5)
- 2 a) Distinguish between Northern plains and Peninsular plateau? (2.5)  
b) Describe four feature of Indian desert. (2.5)
3. How did Hitler destroy the democracy In Germany? Explain (5)

OR

Explain factors which led to the rise of Hitler in Germany.

4. Explain the impact of the Russian revolution on Russia and the world?  
OR

What were the Social, economic and political conditions in Russia before 1905?

5. Explain the election procedure? (5)
6. Why do we prefer Democracy over any other form of government? Give five reasons. (5)

**Q 5. Case Study Based Questions:****(1×3=3)**

Indian constitution is a very long and detailed document. Therefore it needs to be amended quite regularly to keep it updated. Those who crafted the Indian Constitution felt that it has to be in accordance with people's aspiration and changes in society. They

did not see it as a sacred, static and unalterable law. So, they made provisions to incorporate changes from time to time. These changes are called constitutional amendments. The constitution describes the institutional arrangements in a very legal language. Like any constitution, the Indian Constitution lays down a procedure for choosing persons to govern the country. It defines who will have how much power to take which decisions, and it puts limits to what the government can do by providing some rights to the citizen that cannot be violated.

Q1. What is Constitution?

Q2. What are constitutional amendments?

Q3. Indian constitution lays down a procedure for choosing a person to govern the country. Justify by giving an example.

**Q6 . Map Based questions**

( 1x5=5)

1. On an outline map of India mark and label the following rivers :  
Ganga, Brahmaputra.
2. On an outline map of India mark and label the following Lake :  
Chilika lake, Sambhar lake.
3. Show The Indian desert on map