



St. Mary's School, Dwarka
Holiday Homework
Class X
Worksheet 3

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The given questions are to be done in your respective subject notebooks.
- 3) Attempt all questions.

Subject: English

No. of Questions: 10

M.M: 25

Q1. Read the following passage.

1. The colour of animals is by no means a matter of chance; instead, it is determined by numerous factors. Its primary purpose is to provide protection against potential dangers in most cases.
2. There are numerous instances where vibrant colours can be a protection to animals. The kingfisher itself, though so brightly colored, is by no means easy to see. The blue matches with the water and the bird darts along the stream look almost like a flash of sunlight.
3. Desert animals have generally the color of the desert. Thus, for instance, the lion, the antelope, and the wild donkey are all sand-colored. "Indeed," says Canon Tristram, "in the desert, where neither trees, brushwood, nor even undulation of the surface afford the slightest protection to its foes, a modification of colour assimilated to that of the surrounding country is necessary. Hence, without exception, the upper feather of every bird, and the fur of all the smaller mammals and the skin of all the snakes and lizards, is of one uniform sand colour."
4. The next point is the colour of the mature caterpillars, some of which are brown. This probably makes the caterpillar even more conspicuous among the green leaves than would otherwise be the case. Let us see, then, whether the habits of the insect will throw any light upon the riddle.
5. What would you do if you were a big caterpillar? Like most other defenseless creatures, you would feed by night and lie concealed by day. So do these caterpillars. When the morning light comes, they creep down the stem of the food plant and lie concealed among the thick herbage and dry sticks and leaves, near the ground, and it is obvious that under such circumstances the brown colour really becomes protection.
6. It might indeed be argued that the caterpillars, having become brown, concealed themselves on the ground and that we were reversing the state of things. But this is not so, because, while we may say as a rule that large caterpillars feed by night and lie concealed by day, it is by no means always the case that they are brown; some of them still retain the green colour. We may then conclude that the habit of concealing themselves by day came first, and that the brown colour is a later adaptation.

Based on your understanding of the passage, attempt the questions given below. (1x5=5)

i. What is the main idea of this passage? (1)

- a) Animals inherit their colouration from their parents and pass on the same genes to their offspring.
- b) The colour of an animal is not coincidental, but is an adaptation developed over time to aid its survival.
- c) The colouring of animal's changes widely over time and in different parts of the world.
- d) The colouring of mature caterpillars is very difficult to explain without considering the behavior patterns they exhibit.

ii. Which of the following will be the most appropriate title for the passage? (1)

- a) The Colour of Animals
- b) The Desert Animals
- c) The Colour of Caterpillars
- d) The Story of Kingfisher's Colour

iii. In the context of how it is used in the passage, the word 'conspicuous' means _____. (1)

- a) annoying
- b) difficult to see
- c) noticeable
- d) dreadful

iv. Why is it particularly important for desert animals to match their colouration to the colour of the desert? (1)

- a) The predators in the desert are especially quick and deadly
- b) The color tones of the desert are particularly suited to swift evolutionary adaptation
- c) The barren, sparse environment of the desert ensures a lack of natural protection and cover
- d) Food and water are especially scarce in the desert

v. The example of the kingfisher in the second paragraph is intended to prove that the colour of an animal is _____. (1)

- a) always adapted to match the background color of its environment
- b) statistically speaking, most likely to be adapted to match the background color of its environment
- c) an extraneous detail, evolutionary speaking
- d) not always adapted to match the background color of its environment

Q2. You are Vabhavi Sinha, Examination In-charge of Goodway Public School, Aurobindo Marg, Indore. Place an order with Sunrise Stationery Mart, 12-Mall Road, Indore mentioning the terms and conditions, date of delivery, and discount for the stationery required by you. (3)

Q3. Attempt the given exercises as directed.

($\frac{1}{2} \times 4 = 2$)

i. Fill in the blank by choosing the correct option to complete the sentence.

($\frac{1}{2}$)

Every day, he _____ about two hours to his studies, without fail.

- a) devote
- b) devotes
- c) devoted
- d) is devoting

ii. Read the conversation between the two colleagues. Complete the narration that follows.

($\frac{1}{2}$)

Aman: Have you submitted the project report?

Sahil: No, I will do it by this evening.

Aman asked Sahil if he had submitted the project report. Sahil replied that _____.

iii. Select the correct option to fill in the blank for the given sentence.

($\frac{1}{2}$)

The organization _____ in implementing a new policy framework to address environmental concerns.

($\frac{1}{2}$)

- a) has succeeded
- b) succeed
- c) succeeds
- d) will be succeed

iv. Select the option that identifies the error and supplies the correction.

($\frac{1}{2}$)

The journalist write an article that brought attention to the environmental crisis.

Option no.	Error	Correction
A	write	wrote
B	an	a
C	brought	bring
D	crisis	crises

Q4. Attempt the given exercises as directed.

($\frac{1}{2} \times 4 = 2$)

i. Identify the option that best completes the sentence.

($\frac{1}{2}$)

The project manager _____ issued the guidelines earlier to prevent miscommunication.

- a) will be
- b) should have
- c) would be
- d) could

ii. Convert the given sentence into indirect speech:

(½)

The CEO said, "Our company has consistently exceeded industry standards in the past five years."

The CEO said that _____.

iii. Select the correct phrase to complete the sentence:

½

Had the scientist considered all variables, he _____ such a drastic error in his calculations.

- a) wouldn't have made
- b) shall have made
- c) shouldn't make
- d) can't make

iv. Find the error and provide the correction:

½

It was unanimously agreed that the solution not only addressed the immediate issue but also pave the way for long-term sustainability.

ERROR _____ CORRECTION _____

Q5. Read the following stanza and answer the questions that follow:

(½x4 =2)

i. What does "yellow ground" refer to?

(½)

- a) tiger's habitat
- b) tiger's sandy footprints
- c) background colour of the tiger's coat
- d) jungle floor at sunrise

ii. What humorous method does the poet suggest to identify the Bengal tiger?

(½)

- a) seeing if it eats you
- b) noting its footprints
- c) watching its roar
- d) observing its hunting pose

iii. The word "noble" in the phrase "noble wild beast" conveys the tiger's:

(½)

- a) timidity
- b) regality and dignity
- c) aggressiveness
- d) friendliness

iv. What is the tone of this extract?

(½)

- a) fearful and serious
- b) playful and ironic
- c) melancholic and sad
- d) didactic and formal

Answer the questions in about 50 words.

(2x3=6)

Q6. What does the ball symbolize in the poem, and how is it important to the boy's growth?

Q7. Why is the seagull's first flight described as a moment of triumph? What deeper meaning does this hold?

Q8. What do the adults' repeated instructions reveal about their relationship with Amanda?

Answer the following questions in about 80 words.

(3)

Q9. What mystery did the narrator face after landing safely? What do you think helped him to survive?

Q10. Make a PPT of 10 slides on any migratory bird and upload it on Teams. Later present your findings in the class.

(2)

Subject: Hindi**No. of questions: 10****M.M. 25****प्रश्न 1 निम्नलिखित गद्यांश पर आधारित प्रश्नों के उत्तर उचित विकल्प चुनकर दीजिए:****(1×5=5)**

हमारा भारत एक गुलदस्ता है जिसमें विभिन्न रंगों और सुगंध वाले पुष्प जुड़े हुए हैं। जब ये पुष्प अलग होते हैं तो उनके रंग, खुशबू और नाम अलग-अलग होते हैं किन्तु उनके मिलने से जो बनता है वह गुलदस्ता कहलाता है। गुलदस्ता बहुत सुन्दर होता है। भारत में अनेक धर्मों, जातियों, विचारों, संस्कृतियों और मान्यताओं से सम्बन्धित विभिन्नताएँ हैं किन्तु उनके मेल से एक खूबसूरत देश का जन्म हुआ है, जिसे हम भारत कहते हैं। भारत की ये विविधताएँ एकता में बदल गई हैं, जिसने इस देश को विश्व का एक सुन्दर और सबल राष्ट्र बना दिया है। राष्ट्र के प्रमाणक अंग तीन हैं- भूमि, निवासी और संस्कृति। एक राष्ट्र के दीर्घ-जीवन और सुरक्षा के लिए इन तीनों का सही सम्बन्ध बना रहना परमावश्यक होता है। यदि किसी राष्ट्र की भूमि से वहाँ के राष्ट्रवासी उदासीन हो जायेंगे तो राष्ट्र के विखण्डन का भय बना रहेगा। 1962 ई. में चीन का आक्रमण और भारत की हजारों किलोमीटर भूमि पर अधिकार इसका ज्वलंत उदाहरण है। राष्ट्र की भूमि माता के तुल्य है। 'माता भूमिः पुत्रः अहं पृथिव्याः' यह भावना राष्ट्र की अखण्डता के लिए परमावश्यक है। राष्ट्रजनों को एक सूत्र में बाँधने वाली राष्ट्रीय संस्कृति होती है। केवल एक स्थान पर निवास करने वाला जनसमूह राष्ट्र का निर्माण नहीं कर सकता, जब तक कि वह परस्पर सांस्कृतिक सूत्र से न बँधा हो। धार्मिक सद्भाव, सहयोग, पर्व, उत्सव, कला और साहित्य संस्कृति के अंग हैं। इनका आदान-प्रदान राष्ट्रीय एकता को जन्म देता है। स्पष्ट है कि राष्ट्रीय एकता और अखण्डता एक राष्ट्र के जीवन और समृद्धि के लिए अनिवार्य शर्तें हैं। आज भारत के अस्तित्व और सुरक्षा को गम्भीर चुनौतियाँ भीतर और बाहर दोनों ओर से हैं। भीतर से प्रादेशिक संकीर्णता, धार्मिक असहिष्णुता, जातीय संकोच और स्वार्थपूर्ण राजनीति देश को विखण्डन की ओर ले जा रही है और बाहर से पड़ोसी देशों के षड्यन्त्र हमको तोड़ने पर कटिबद्ध हैं। देश में व्याप्त आतंकवादी गतिविधियाँ इसके स्पष्ट प्रमाण हैं।

(i) राष्ट्र के प्रमाणक अंग कौन -से हैं ?

- (क) वन संपदा और निवासी
- (ख) भूमि, निवासी और संस्कृति
- (ग) पर्वत, सीमाएँ और संस्कृति
- (घ) फसल , संस्कृति ,भूमि

(ii) भारत में किन विभिन्नताओं में भी एकता है?

- (क) धर्मों, जाति, विचार,संस्कृति और मान्यताएँ

- (ख) केवल विचारों, तथा संस्कृतियों में
- (ग) केवल धर्मों तथा जातियों में
- (घ) परंपराएँ, देशभक्ति, विचार, संस्कृति

(iii) निम्नलिखित कथन (A) तथा कारण (R) को ध्यानपूर्वक पढ़िए तथा दिए गए विकल्पों में से कोई एक सही विकल्प चुनकर लिखिए।

कथन (A) राष्ट्रीय एकता और अखण्डता एक राष्ट्र के जीवन और समृद्धि के लिए अनिवार्य शर्तें हैं।
कारण (R) आज भारत के अस्तित्व और सुरक्षा को गम्भीर चुनौतियाँ भीतर और बाहर दोनों ओर से हैं।

- 1 कथन (A) तथा कारण (R) दोनों गलत हैं।
- 2 कथन (A) गलत है परन्तु कारण (R) सही है।
- 3 कथन (A) सही है परन्तु कारण (R) गलत व्याख्या करता है।
- 4 कथन (A) सही है और कारण (R) कथन की सही व्याख्या करता है।

(iv) अपने अस्तित्व तथा सुरक्षा के लिए भारत किन चुनौतियों का सामना कर रहा है?

(v) राष्ट्रजनों को एक सूत्र में किसके माध्यम से बाँधा जा सकता है तथा उसके अंग कौन - से हैं?

निम्नलिखित प्रश्नों के उत्तर निर्देश के अनुसार दीजिए:

(1×5=5)

प्रश्न 2 परेशानी में उलझा हुआ मैं कुछ भी न कर सका। वाक्य में विशेषण पदबंध क्या है?

प्रश्न 3 वह बाज़ार जा चुका होगा। वाक्य में रेखांकित पदबंध कौन-सा है ?

प्रश्न 4 'भोर होने पर हम लोग आगरा पहुँचे' रचना के आधार पर यह कौन-सा वाक्य है और क्यों?

प्रश्न 5 कक्षा में प्रथम आने के लिए निखिल पढ़ाई करता है। रिक्त स्थान में किस मुहावरे का प्रयोग किया जाएगा?

प्रश्न 6 ' जिसकी लाठी उसकी भैंस' यह रचना के आधार पर किस वाक्य भेद का उदाहरण है?

प्रश्न 7 निम्नलिखित प्रश्नों के उत्तर दीजिए —

(1½×2=3)

(क) कहानी के अनुसार बड़े भाई साहब को क्या विशेषाधिकार मिला हुआ था और वे इसका उपयोग कब करते थे ?

(ख) कवि ने किस उदाहरण द्वारा हर प्राणी में राम के बसने की बात कही है?

प्रश्न 8 निम्नलिखित प्रश्नों के उत्तर दीजिए —

(1×2=2)

(क) ठाकुरबारी के प्रति गाँव वालों के मन में अपार श्रद्धा के जो भाव हैं उससे उनकी किस मनीवृत्ति का पता चलता है?

(ख) पीटी अध्यापक प्रीतमचंद कैसे स्वभाव के व्यक्ति थे? विद्यालय के कार्यक्रमों में उनकी कैसी रुचि थी? अपने शब्दों में लिखिए।

प्रश्न 9 'हस्तकला सांस्कृतिक केन्द्र' की ओर से ग्रामीण कलाकारों द्वारा हस्तनिर्मित वस्तुओं की बिक्री बढ़ाने एवं उसके प्रचार- प्रसार के लिए लगभग 50 शब्दों में आकर्षक विज्ञापन तैयार कीजिए।

(5×1=5)

गतिविधि :

प्रश्न 10 किसी समुद्री जीव या शंख का आकार देते हुए एक पेपर वेट बनाइए।

(5×1=5)

Subject: Mathematics

No. of questions: 10

M.M. 25

Q-1 Given that $L.C.M.(91,26) = 182$, find $H.C.F(91,26)$. (2)

Q-2 State fundamental theorem of arithmetic with an example. (2)

Q-3 Explain why $(17 \times 5 \times 11 \times 3 \times 2 + 2 \times 11)$ a composite number. (2)

Q-4 Find the value of 'k' such that the polynomial $x^2 - (k+6)x + 2(2k-1)$ has sum of its zeroes equal to half of their product. (2)

Q-5 If two positive integers are expressed in the form of $a=pq^2$ and $b=p^3q$ where a and b being prime numbers, then find the $H.C.F(a,b)$. (2)

Q-6 Prove that $\sqrt{5}$ is irrational hence prove that $\sqrt{5} + 2$ is an irrational number. (3)

Q-7 A fraction becomes $9/11$ if 2 is added to both the numerator and the denominator. If, 3 is added to both the numerator and the denominator it becomes $5/6$. Find the fraction. (3)

Q-8 Check graphically whether the pair of linear equations $3x-y=9$, $x-3y=4$ is consistent or not. (3)

Q-9 Solve by Substitution method.

$$x+y=4 \quad \dots(i), \quad 2x-3y=11 \quad \dots(ii) \quad (3)$$

Q-10 Find the zeroes of the polynomial $4x^2 - 4x - 8$. Also, establish a relationship between the zeroes and coefficients. (3)

Fun Activity:

Brain teasers

1. I am an odd number. Take away one letter and I become even. What am I?
2. I add five to nine, and get two. The answer is correct, but how?
3. Think of a number. Double it. Add 10. Halve it. Take away your original number. Your answer is 5! Explain how this works?
4. Create more Brain teasers and try with your sibling.

Subject: Science

No. of Questions-10

M.M.25

Q1. Which of the following angles of incidence allows the light ray to continue in a straight path without refraction? (1)

- (a) 0°
- (b) 90°
- (c) 60°
- (d) 45°

Q2. The atomic number of element X is 8 and that of element Y is 12. Choose the correct chemical formula formed when they react with each other. (1)

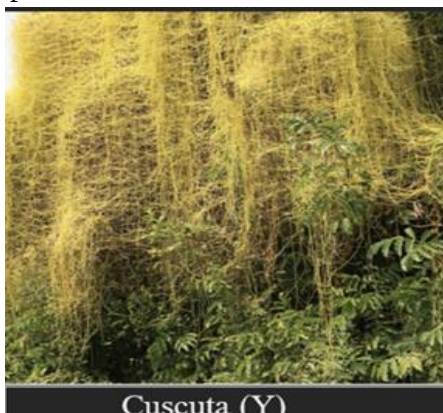
- (a) XY
- (b) X_2Y
- (c) XY_2
- (d) X_2Y_3

Q3. **Assertion (A):** The ciliary muscles play a role in adjusting the focal length of the eye lens.

Reason (R): The shape of the eye lens remains constant regardless of the distance of the object. (1)

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

Q4. Observe the given diagrams X and Y. Explore how the mode of nutrition in X is different from Y?



(2)

Q5. While walking out of a dimly lit movie theater into bright sunlight, a girl experiences momentary discomfort in her eyes. (2)

- (i) What change occurs in her eyes after exposure to bright light?
- (ii) How do the eyes adjust when moving from a well-lit environment to a darker one?

Q6. A student accidentally mixes hydrochloric acid with sodium hydroxide solution. What reaction takes place? Write the balanced equation and describe any two real-life applications of this reaction. (3)

Q7. Give reasons for the following: (3)

- a. Lungs contain residual volume of air.
- b. The diaphragm flattens during inhalation.
- c. The Walls of alveoli contain an extensive network of blood vessels.

Q8. A student is conducting an experiment with two different lenses to observe their optical properties.

The first lens has a power of +2D, while the second lens has a power of -4D. (3)

(i) Identify the nature of each lens.

(ii) Calculate the focal length of both lenses.

Q9. While reading a signboard positioned 3 meters away, a boy notices that the letters appear blurry and unclear. (1+1+2)

(a) What eye defect might he be suffering from?

(b) How can this vision issue be corrected?

(c) Draw a ray diagram to illustrate (i) the defect in vision and (ii) its correction using appropriate lens.

Activity

Q10. Conduct an activity to test the acidic or basic nature of various household substances using a natural indicator. Also, test and observe the chemical reaction of these substances with metal hydrogen carbonate. (5)

Materials required:

Baking soda (sodium hydrogen carbonate)

Vinegar (acetic acid)

Lemon juice

Soap solution

Tap water

Red cabbage (for a natural indicator)

Small glass bowls

Dropper

Steps to follow:

1. Preparation of Red Cabbage Indicator:

Chop the red cabbage into small pieces.

Boil the cabbage pieces in water until the water turns a deep purple color.

Strain the mixture to separate the liquid indicator from the cabbage pieces.

2. Observing a Chemical Reaction:

In a small bowl, mix a teaspoon of baking soda with a few tablespoons of vinegar.

Observe the reaction and note the formation of bubbles (carbon dioxide gas).

3. Testing Acidity/Basicity:

Label small bowls or containers with the names of the household items (lemon juice, soap solution, tap water, vinegar).

Add a small amount of each household item to its respective container.

Add a few drops of the red cabbage indicator to each household item and observe any colour changes.

4. Recording Observations

Create a table in your notebook to record the observations.

Observation Table:

Household Item	Red Cabbage Indicator (Colour Change)	Reaction with Baking Soda (Yes/No)
Lemon Juice		
Soap Solution		
Tap Water		
Vinegar		

Instructions:

- Prepare the red cabbage indicator as described.
- Observe the chemical reaction between baking soda and vinegar.
- Test each household item with the red cabbage indicator and observe any color changes.
- Record your observations in the table provided.
- Explain your findings in a neat and organized manner.
- Write your observation and the chemical reaction involved when baking soda reacts with Vinegar.
- Paste two photographs while performing the experiment.

Subject: Social Science

No. of questions: 10

M.M. 25

- Q1. What are Khadins and Johads 1
- Q2. Which Act did not permit plantation workers to leave the tea garden without permission? 1
- Q3. What was the role of the Zollverein? 1
- Q4. Mention any four negative factors which, since pre-independence to the present period, have contributed significantly to the fearful depletion of flora and fauna in India. 2
- Q5. Explain any three steps that can be taken to solve the problem of land degradation. 3
- Q6. What does the cartoon represent? 3



- Q7. How is a federal form of government different from a unitary government? Explain with examples. 3
- Q8. In Tamil Nadu, 75% of the people living in rural areas use a ration shop, whereas in Jharkhand, only 8% of rural people do so. Where would people be better off and why? 3
- Q9. What is development? Explain the indicators used by UNDP for measuring development. 3
- Q10. Explain any five effects of the Non-cooperation Movement on the economy of India. 5

Activity- Economics

Consumer Rights Quiz

Objective: Understand your rights as a consumer when purchasing goods and services.

Materials Needed:

- A notebook or a digital device to write your answers.
- Access to the internet for research.

Instructions:

1. Research Phase:

- Spend some time researching consumer rights. Look for information on what rights you have when buying goods or services, such as the right to receive goods that are as described, fit for purpose, and of satisfactory quality.

2. Quiz Creation:

- Create a quiz with at least 10 questions based on your research. Here are some example questions to get you started:
- What should you do if a product you bought is faulty?
- Can you return a product if you simply change your mind?
- What are your rights if a product doesn't match its description?

3. Answer the Quiz:

- Answer the quiz yourself to test your knowledge. Try to be as thorough as possible in your answers.

4. Reflection:

- Write a short reflection on what you learned from this activity. Consider questions like:
- How has your understanding of consumer rights changed?
- How will this knowledge impact your future purchases?

5. Optional Extension:

- Share your quiz with friends or family members and see how they do. Discuss the answers together to deepen everyone's understanding of consumer rights.

Subject: Artificial Intelligence

M.M. 25

Choose the correct answer from the following:

1x10=10

1. What is the first step in starting a new business venture?

- A. Selling products
- B. Hiring employees
- C. Identifying a business opportunity
- D. Registering the company

2. Which of the following is *not* a characteristic of an entrepreneur?

- A. Risk-taking
- B. Creativity
- C. Laziness
- D. Problem-solving

3. In the context of AI entrepreneurship, what is a 'prototype'?

- A. A full business plan
- B. A final product ready for market
- C. A basic working model of a product
- D. A type of marketing strategy

4. What does 'innovation' in entrepreneurship generally refer to?

- A. Reducing product quality
- B. Copying an existing idea
- C. Introducing new or improved products or processes
- D. Avoiding business risks

5. Which of the following best describes an 'AI-based startup'?

- A. A company that only uses social media
- B. A business using artificial intelligence to offer products or services
- C. A traditional business with no automation
- D. A government organization

6. What is the primary goal of an entrepreneur in an AI startup?

- A. To eliminate all human jobs
- B. To use AI to create value or solve problems
- C. To avoid investment
- D. To delay product development

7. Which skill is *most important* for an AI entrepreneur?

- A. Ability to play video games
- B. Knowledge of only hardware
- C. Critical thinking and adaptability
- D. Avoiding teamwork

8. In entrepreneurship, what is meant by a 'target market'?

- A. A place where weapons are sold
- B. The public
- C. A specific group of customers a product is aimed at
- D. All rich people

9. What is a 'pitch' in the context of entrepreneurship?

- A. A cricket ground
- B. A business presentation to investors
- C. A software bug
- D. A product description on social media

10. Which of these is an example of a successful AI-based product?

- A. Hand-made pottery
- B. Chatbot for customer service
- C. Manual typewriter
- D. Traditional farming tools

Answer the following questions in about 20-30 words.

- 11. Define entrepreneurship. How is it important in the field of Artificial Intelligence? 2
- 12. List any four qualities of a successful entrepreneur. 2
- 13. What do you understand by a business opportunity in the context of AI? 2
- 14. What is the role of innovation in entrepreneurship? Give an example. 2
- 15. Differentiate between a product and a service with one AI-based example for each. 2
- 16. Explain how an AI-based startup can help solve real-world problems. Support your answer with examples. 2
- 17. What are the common challenges faced by entrepreneurs while starting an AI business? How can they be overcome? 3

Activity:

Unscramble the words under the theme of Bioethics:

- 1. **CSTNEON** – (Hint: fairness and privacy in AI)
- 2. **TADA** – (Hint: personal information collected by AI)
- 3. **RIPACYV** – (Hint: freedom from being watched or monitored)
- 4. **CHTENOEGLTOY** – (Hint: science of creating and using machines)
- 5. **NSEROTISPBILY** – (Hint: being accountable for actions in AI use)
- 6. **TICSHE** – (Hint: moral principles guiding AI decisions)
- 7. **RAISFESN** – (Hint: when AI systems are built fairly for all users)
- 8. **RIBFABIISNDIATLI** – (Hint: a way to identify people uniquely using AI)
- 9. **SBIA** – (Hint: unfair favoring in AI systems)

Subject: Music

No. of questions: 7

M.M. 15

- | | |
|--|---|
| Q.1) Write the difference between Jyati and Thaata | 2 |
| Q.2) Write the difference between Meend and Murki | 2 |
| Q.3) Define the Aroha and Avroha. | 2 |
| Q.4) What is Pakad/Swaroop of a Raga | 2 |
| Q.5) What do we mean by Gayan Samay of a Raga. | 2 |
| Q.6) How do we determine the Jaati of a Raga? | 2 |
| Q.7) Draw the diagram of Tanpura | 3 |

Subject: Home Science

No. of questions: 10

M.M. 25

Q1. How often should a household budget be reviewed and adjusted?

1

- a) Annually
- b) Quarterly
- c) Monthly
- d) Never

Q2. What should be the responsibilities as a consumer?

1

- a) Saving receipts
- b) Asking questions at point of sale
- c) Always read terms and conditions before buying a product
- d) All the above

Q3. Ways to reduce fatigue include-

1

- a) avoiding difficult jobs
- b) working only when you feel like
- c) developing motivation
- d) None of these

Q4. What is the benefit of having a separate savings account for specific goals?

1

- a) It complicates financial management
- b) It increases the temptation to spend
- c) It helps in tracking and achieving financial goals
- d) It provides no real advantage

Q5. An expenditure plan should prioritize which of the following?

1

- a) Luxuries
- b) Non-essential items
- c) Needs over wants
- d) Impulse buys

Q6. Which of these is a type of compulsory saving?

1

- a) Banks
- b) Provident funds
- c) Life insurance
- d) Unit trust of India

Q7. Very short answer type questions-

(5x1= 5)

- I. State the types of real income.
- II. Name any factors affecting expenditure.
- III. Give examples of Voluntary savings.
- IV. Write the full form of PPF.

V. State the type of family budget in which income and expenditure are almost same.

Q8. Short answer type questions-

(2x2=4)

I. Highlight two benefits of having a saving plan.

II. Give two examples of how technology can assist in managing household expenditure and saving plans.

Activity:

Q9. Make a collage or paste pictures showing ways of how handling of food and equipment can be done properly while working in a kitchen. 5

Q10. List down the name of food items present in your kitchen based on their storage need under each category. 5

Perishable foods	Semi-Perishable foods	Non -Perishable foods