

1. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के उत्तर लिखिए:-

प्रेमचंद का वास्तविक नाम धनपतराय था। वे नवाबराय के नाम से उर्दू में लिखते थे। उनकी सोजे-वतन कहानी-संग्रह की सभी प्रतियाँ तत्कालीन अंग्रेजी सरकार ने जब्त कर ली थीं। सरकारी कोप से बचने के लिए उर्दू अखबार ज़माना के संपादक मुंशी दयानारायण निगम ने उन्हें नवाबराय के स्थान पर प्रेमचंद उपनाम सुझाया। यह नाम उन्हें इतना पसंद आया कि नवाबराय के स्थान पर प्रेमचंद हो गए। हिंदी पुस्तक एजेंसी की एक प्रेस कलकत्ता में थी जिसका नाम वणिक प्रेस था। इसके मुद्रक थे महावीर प्रसाद पोद्दार। वे प्रेमचंद की रचनाएँ बंगला के सुप्रसिद्ध उपन्यासकार शरत बाबू को पढ़ने के लिए दिया करते थे। एक दिन पोद्दार जी शरद बाबू के घर गए। वहाँ उन्होंने देखा कि शरद बाबू प्रेमचंद का कोई उपन्यास पढ़ रहे थे जो बीच में खुला हुआ था। पोद्दार जी ने उसे उठाकर देखा तो उपन्यास के पृष्ठ पर शरत बाबू ने उपन्यास सम्राट लिख रखा है। बस यहीं से पोद्दार जी ने प्रेमचंद को उपन्यास सम्राट प्रेमचंद लिखना शुरू कर दिया।

- क) प्रेमचंद का वास्तविक नाम क्या था? वे किस नाम से लिखते थे? 2
- ख) प्रेमचंद की कौन-सी पुस्तक किसने जब्त कर ली थी? 1
- ग) प्रेमचंद नाम उन्हें कैसे मिला? 2
- घ) प्रेमचंद को उपन्यास सम्राट नाम किसने दिया? 2
- ङ) गद्यांश के लिए उपयुक्त शीर्षक लिखिए। 1

खंड-ख

1. निर्देशानुसार उत्तर दीजिए- (4)

- क. जो लोग ईर्ष्या करते हैं, मुझे पसंद नहीं। (सरल वाक्य में बदलिए)
- ख. हेमा का नृत्य देखकर सब लोग प्रसन्न हो गए। (संयुक्त वाक्य में बदलिए)
- ग. कहानी मजेदार और दिलचस्प थी। (संयुक्त वाक्य में बदलिए)
- घ. जो छात्र परिश्रमी होता है, वह सदा सफल होता है। (रेखांकित उपवाक्य का नाम बताइए)

2. निर्देशानुसार प्रश्नों के उत्तर दीजिए- (4)
- क. लड़की ने ठंडा पानी पिया। (कर्मवाच्य में बदलिए)
- ख. बच्चा रातभर नहीं सोया। (भाववाच्य में बदलिए)
- ग. माँ द्वारा बाज़ार जाया जाता है। (कर्तृवाच्य में बदलिए)
- घ. नेताजी सुभाष चंद्र बोस ने आज़ाद हिंद फ़ौज का गठन किया। (कर्मवाच्य में बदलिए)

खंड-ग

3. निम्नलिखित प्रश्नों के उत्तर संक्षेप में दीजिए- (8)
- क. सेनानी न होते हुए भी चश्में वाले को लोग कैप्टन क्यों कहते थे?
- ख. पानवाले का एक रेखाचित्र प्रस्तुत कीजिए।
- ग. पाठ के आधार पर बालगोबिन भगत के मधुर गायन की विशेषताएँ लिखिए।
- घ. बिना विचार, घटना और पात्रों के भी क्या कहानी लिखी जा सकती है? लेखक के इस विचार से आप कहाँ तक सहमत हैं?
4. निम्नलिखित प्रश्नों के उत्तर संक्षेप में दीजिए- (8)
- क. गोपियों को श्रीकृष्ण से क्या अपेक्षा थी? योग-संदेश का उनपर क्या प्रभाव हुआ?
- ख. गोपियों ने उद्धव से योग की शिक्षा कैसे लोगों को देने की बाद कही है?
- ग. परशुराम के क्रोध करने पर लक्ष्मण ने धनुष के टूट जाने के लिए कौन-कौन से तर्क दिए?
- घ. लक्ष्मण ने वीर योद्धा की क्या-क्या विशेषताएँ बताईं?

5. माता का अँचल उपन्यास अंश में तीन दशक की ग्राम्य संस्कृति का चित्रण है। आज की ग्रामीण संस्कृति में आप को किस तरह के परिवर्तन दिखाई देते हैं? (3)

खंड-घ

6. अपने मित्र को एक पत्र लिखें जिसमें दहेज की कुप्रथा के बारे में विवेचना हो। (5)

अथवा

प्रातः भ्रमण का महत्त्व बताते हुए छोटे भाई को पत्र लिखिए

General Instructions : -

- (i) All questions are compulsory
- (ii) Use of calculator is not permitted
- (iii) The question paper consist of 15 questions, divided into four sections - A, B, C and D
- (iv) *Section A* consists 3 questions of 1 mark each. *Section B* consists 3 questions of 2 mark each. *Section C* consists 5 questions of 3 mark each and *Section D* consists 4 questions of 4 mark.

SECTION - A

1. Given that H.C.F (a, 91) = 13 & L.C.M(a, 91) = 182. Find 'a'
2. Without actually performing the long division, write down the decimal expansion of $\frac{23}{2^3 5^2}$.
3. Find the value of ' α ' so that the system of equations has unique solution

$$\begin{cases} \alpha x + 3y = \alpha - 3 \\ 12x + \alpha y = \alpha \end{cases}$$

SECTION - B

4. Find L.C.M of 30, 70 and 105 by using 'fundamental theorem of arithmetic'.
5. Form a polynomial whose zeros are $7 - 3\sqrt{5}$ and $7 + 3\sqrt{5}$.
6. Determine the values of k so that the equation $kx(x - 2) + 6 = 0$ has two equal roots .

SECTION - C

7. Prove that $\sqrt{3}$ is an irrational number.
8. Find zeros of the polynomials $x^2 - 21 + 4x$. and verify the relationship among zeros and the coefficients.
9. Solve the following pair of linear equations.

$$\begin{cases} (a - b)x + (a + b)y = a^2 - 2ab - b^2 \\ (a + b)(x + y) = a^2 + b^2 \end{cases}$$

10. Draw the graph of the equation $5x - y = 5$ and $3x - y = 3$. Determine the co-ordinates of the vertices of the triangle formed by these lines and the y axis.

11. The sum of areas of two squares is 640 m^2 . If difference of their perimeters is 64m . find sides of two squares.

SECTION - D

12. Two pipes running together can fill a cistern in $2\frac{8}{11}$ minutes. If one pipe takes 1 minute more time than the other to fill it. Find the time in which each pipe would fill the cistern.
13. A boat goes 16 km upstream and 24 km downstream in 6 hours. Also it covers 12 km upstream and 36 km downstream in the same time. Determine the speed of the stream and that of the boat in still water.
14. Find zeros of the polynomial $x^2 - 21 + 4x$ and verify the relationship among zeros and the coefficients
Obtain all others zeros of polynomial $2x^4 - 27x^3 - 18x^2 + 85x - 6$, if two of its Zeros are $7 \pm 4\sqrt{3}$.
15. Use Euclid's division lemma to show that the cube of any positive integer is either of the form of $9m$, or $(9m + 1)$ or $(9m + 8)$ for some integer m .

Atomic Energy Central School No.4, Rawatbhata

Periodic Test-1 (2018-19)

Time – 1 & Half Hrs

Class-X (SOCIAL SCIENCE)

M.M.-40

General Instruction: -

All questions are compulsory.

Write neat and clear manner.

After completion attach the maps inside your answer book.

- | | | |
|------|--|---|
| Q.1 | Where was the Tonkin Free School established? | 1 |
| Q.2 | State any one reason for overuse of resources? | 1 |
| Q.3 | Why power sharing is essential for democracy? | 1 |
| Q.4 | What is the full form of BMI? | 1 |
| Q.5 | Describe any three public facilities needed for development. | 3 |
| Q.6 | Describe the ethnic composition of Belgium. | 3 |
| Q.7 | What is sustainable economic development? Suggest any two ways in which resources can be used judiciously. | 3 |
| Q.8 | How did Paul Bernaral argue in favour of economic development of Vietnam? 3 | |
| Q.9 | What is the HO Chi Minh trail? Describe three points of its importance? 5 | |
| Q.10 | Explain any four human activities which are mainly responsible for land degradation in India. | 5 |
| Q.11 | Why is power sharing desirable? Explain with instances. | 5 |
| Q.12 | What is development? Describe any four developmental goals. | 5 |
| Q.13 | On an outline map of India mark the following? 4 | |
| | a) Two important places rich in the production of cotton. | |
| | b) Two major soil types areas: - Alluvial and Arid | |

READING

Read the passage and complete the sentences given below the passage by choosing the most appropriate option from those given. (5 Marks)

Travelling is a pleasure. Particularly for the young, the desire to see new places and get the feel of a new environment makes travel a wonderful experience. But do we make it trouble-free for others?

Don't start a conversation with the co-passenger without first knowing his willingness to converse with you. He/ she might like to read or have a nap and not necessarily be in a mood to talk.

Place your baggage in the rack above your seat. Don't encroach upon another's space. Also wait till the plane/ bus/ train comes to a stop to pull your luggage out. Be eco-friendly— remember that the place where you stand had been visited and has to be visited by thousands more. Carry a plastic bag for waste on sightseeing trips; you can empty it later in a dustbin. "Sustainable Tourism" is the only way to protect the resource and beauty of the earth.

If you want to enjoy the hospitality of friends or relatives residing in the place you visit, inform them in advance. Don't drop in like a bolt from the blue.

Be considerate towards your hosts. Help your host/ hostess in domestic chores. Go on sightseeing trips without troubling them to come to your help. Use your own toiletries and towels. Use the telephone of your host sparingly and only when necessary. Don't interfere in their domestic affairs unless you are asked to join. Don't expect your host to attend to your needs all the time.

1. Travelling gives us happiness because

 - a. we see hills
 - b. we see oceans
 - c. we see new places
 - d. of better weather conditions

2. We should not bother our fellow passengers by.....

 - a. talking needlessly
 - b. taking their reading material
 - c. taking their sleeping space
 - d. not pulling their luggage out

3. Being eco-friendly in the passage implies.....

- a. planting trees
- b. not wasting things
- c. not littering the place
- d. being kind to your hosts

4. One can be considerate towards the hosts by.....

- a. not visiting them
- b. carrying plastic bags
- c. not overstaying
- d. not expecting too much

5. The antonym for 'sparingly' is.....

- a. liberally
- b. carefully
- c. necessary
- d. needful

WRITING

You are Kavita, a resident of Ashok Vihar, New Delhi. You have noticed that in spite of the government's initiatives and provisions made for the girl child, the actual school enrolment statistics do not show an encouraging trend. **Write a letter to the Editor** of a national daily, expressing your concern about the issue and the need to work on a war footing to counter the problem of poor enrolment of girls.

Take ideas from the notes given below-

Poor enrolment ratio, education to all is important, effect of gender discrimination, government efforts required, and spreading awareness, sensitize parents.

10M

GRAMMAR

Read the following conversation and complete the passage given below. 4M

Patient Can I have an appointment with the doctor this evening? I am very sick.

Receptionist- I am sorry. There is a long waiting list. You will have to wait for at least two weeks.

Patient- But by then I can die.

Receptionist - No problem. If your wife informs me, I can cancel the appointment.

A patient went to his doctor's clinic and asked the receptionist

(a)..... with the doctor that evening. He said to the receptionist that he was very sick. The receptionist apologized saying that there (b).....She further added that

(c)..... for at least two weeks. When the patient said that he could be dead by then, the receptionist calmly replied that there was no problem, if his wife (d)the appointment.

Jumbled words- 2 marks

- a) Respect/said/that/demanded/it/but/is/given/that/is not
- b) Pillars/there/human life/ man/of/woman/and/are/two

LITERATURE

Yet in both these boyish faces there was a seriousness which was far beyond their years. What do you understand by this statement? 3M

Appearances are deceptive. Explain with reference to the two boys. 3M

Do you think Mrs. Packletide was able to achieve her heart's desire? Give reasons for your answer. 3M

Why is the frog's joy both sweet and bitter? 3M

What is the central idea discussed in the poem 'Ozymandious'? 3M

10. After her brothers' visit, Lucia writes a page in her **diary** about her past life and her present situation. As Lucia write the diary entry in about 150 words. 4M
