Subject: ENGLISH

Determiners

Fill in the blanks with the most appropriate **determiner** from the options provided.

1. She has bought (a/an/the/some) beautiful dress for the party.
2. (Many/Much/Little/Every) student was asked to submit their project by Friday.
3. I only have (little/a little/the little/few) money left, so I can't buy that book.
4. (Either/Neither/Both/All) of the two roads leads to the main highway; you can take your pick.
5. Can you give me (some/any/no/much) sugar? I need to bake a cake.

2. Subject-Verb Concord

Choose the correct form of the verb to agree with the subject in each sentence.

1. Neither the manager nor the employees (is/are) present at the meeting.
2. The committee (has/have) agreed on the new proposal.
3. A large number of students (was/were) absent today.
4. Bread and butter (is/are) my favourite breakfast.
5. Physics (is/are) a compulsory subject for science students.

3. Reported Speech

Convert the following sentences into Reported Speech (Indirect Speech).

1. The teacher said to the students, "The Earth revolves around the Sun."
2. She said, "I visited my grandmother yesterday."
3. He asked me, "Will you help me with this task?"
4. My friend said, "Alas! I have failed the test."
5. The librarian ordered the students, "Do not make noise."

4. Modals

Fill in the blanks with the most suitable modal verb (e.g., *can, could, may, might, should, must, ought to, will, would*).

1. You _____ consult a doctor immediately if the fever persists (Strong necessity/Obligation).
2. _____ I use your pen, please? (Permission)
3. She _____ be at home; the lights are off (Deduction/Negative possibility).
4. If you work hard, you _____ succeed (Future possibility).
5. We _____ respect our elders (Moral duty/Advice).

5. Tenses

Fill in the blanks with the correct form of the verb given in brackets, paying attention to the appropriate tense.

1. I _____ (wait) for you since 4 o'clock.
2. When I reached the station, the train already _____ (leave).
3. She _____ (watch) a movie right now.
4. By next month, he _____ (complete) the novel.
5. We _____ (go) to the museum last Sunday.
6. Water _____ (boil) at .
7. If you study, you _____ (pass) the exam.
8. My mother often _____ (read) before sleeping.
9. He _____ (play) football when he broke his leg.
10.   They _____ (live) in this city for ten years.

Vocabulary Enrichment

6. Idioms and Proverbs

A. Match the following Idioms/Proverbs with their correct meanings (5 Marks):

Idiom/Proverb   Meaning

1. A blessing in disguise   a. A difficult situation to handle.

Idiom/Proverb	Meaning
2. Break the ice	b. A great distance away.
3. A hard nut to crack	c. To start a conversation in a formal setting.
4. Once in a blue moon	d. An apparent misfortune that turns out to have a good result.
5. Miles away	e. Very rarely.

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B. Use any two of the above Idioms/Proverbs in sentences of your own (5 Marks).

1. _____

2. _____

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7. Contextual Vocabulary Challenge

Read the following short passage. Find a synonym for the words given in bold from the options below and rewrite the sentences using the new word (10 Marks).

The scientist's innovative (1) design for the robot was truly remarkable (2). Everyone was eager (3) to see the machine perform its laborious (4) tasks with such ease (5).

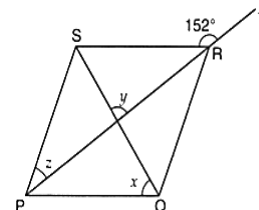| Word in Passage	Option 1	Option 2	Option 3
1. innovative	usual	novel	old
2. remarkable	ordinary	common	extraordinary
3. eager	reluctant	curious	calm
4. laborious	simple	strenuous	relaxed
5. ease	difficulty	comfort	strain

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Rewrite the sentences using the chosen synonym:
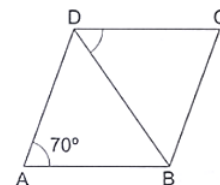
1. _____

2. _____

3. _____

4. _____

5. _____

Subject: MATHEMATICS

1. Prove that any line segment drawn p from the vertex of a triangle to the base is bisected by the line segment joining the midpoints of the other sides of the triangle.
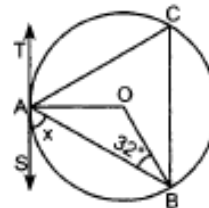
2. In Figure, PQRS is a rhombus in which the diagonal PR is produced to T. If ∠ SRT = 152 º , find x, y and z.

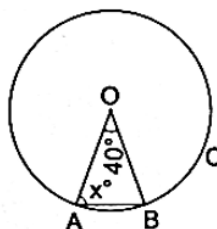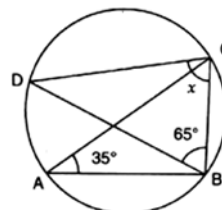
3. In the adjoining figure, ABCD is a rhombus. If∠ A = 70°, find ∠ CDB.

4. In the given figure, TAS is a tangent to the circle, with centre O, at the point A. If ∠OBA = 32°, find the value of x.

5. If O is the centre of the circle, find the value of x in given figure:

6. If O is the centre of the circle, find the x in below figure:

7. The following data gives the production of food grains (in thousand tonnes) for some years:

Year	1995	1996	1997	1998	1999	2000
Production (in thousand tonnes)	120	150	140	180	170	190

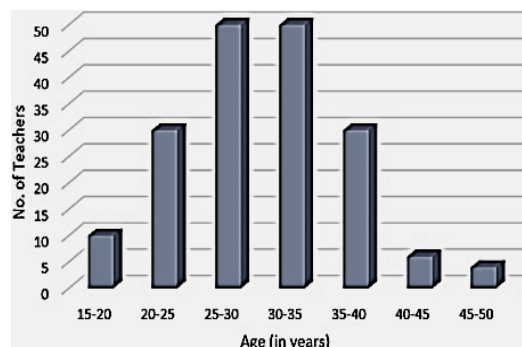Represent the above data with the help of a bar graph.

8. Read the following text carefully and answer the questions that follow:

A teacher is a person whose professional activity involves planning, organizing, and conducting group activities to develop student's knowledge, skills, and attitudes as stipulated by educational programs. Teachers may work with students as a whole class, in small groups or one - to - one, inside or outside regular classrooms. In this indicator, teachers are compared by their average age and work experience measured in years.

For the same in 2015, the following distribution of ages (in years) of primary school teachers in a district was collected to evaluate the teacher on the above - mentioned criterion.

1. What is the total no of teachers? (1)
2. Find the class mark of class 15 - 20, 25 - 30 and 45 - 50? (1)
3. What is the no of teachers of age range 25 - 40 years? (2)
   OR
9. Which classes are having same no. of teachers? (2)

Subject: PHYSICS

1. Pressure exerted by a liquid on a container (in which it is enclosed) act on
   a. The base of the container   b. The walls of the container
   c. Both base and walls of the container   d. None of these
2. If the density of a liquid increases, the buoyant force will
   a. Increase   b. Remains the same   c. Decrease   d. None of these
3. If the relative density of a body is 0.5, then the body will .... in water.
   a. Float   b. Sink   c. Submerge completely   d. None of these
4. The amount 1 J is equivalent to
   a. 1 newton second   b. 1 newton metre square   c. 1 newton metre   d.1 newton gram
5. State the essential conditions needed for work to be done.
6. Find out the work done when a force of 40 N displaces a body through 5 m in the direction of applied force.
7. An object of mass 40 g has a volume of 80 cm^3. Will the object float in water? Why?

Subject: CHEMISTRY

In these questions a statement of assertion and reason is given. Choose the correct option.
(a) Assertion and Reason both are correct statements and reason is correct explanation for assertion.
(b) Assertion and Reason both are correct statements but reason is not correct explanation for assertion.
(c) Assertion is correct statement but Reason is wrong statement.
(d) Assertion is wrong statement but Reason is correct statement
1. Assertion: Nitrogen has an atomic mass of 14.
   Reason: Nitrogen atoms are 14 times heavier than carbon-12 atoms of the same mass.
2. Assertion: Carbonate is a polyatomic ion.
   Reason: The carbonate ion has a charge of -2.
3. Assertion: An atom is the smallest particle in an element that possesses the properties of the element.
   Reason: Molecules are made up of two or more atoms.
4. Assertion: The oxide of a metal M has formula M_2O_3.
   Reason: Valency of the metal M is 2.
5. Assertion: The molecular mass of SO_2 is twice that of O_2.

Reason: O and S both have equal atomic mass.
6. Assertion: All metals and noble gases have atomicity 1.
   Reason: They have stable atoms which can exist independently.
7. Assertion: According to law of conservation of mass, the mass of reactants and products remains same.
   Reason: This law can be used to solve problems for unknown masses, such as how much gas is consumed or created during a process.
8. Assertion: A cation is bigger than a neutral atom while an anion is smaller than the corresponding atom.
   Reason: A cation is formed when an atom loses electron(s) but an anion is formed by gain of electron(s).
9. Write the chemical formulae of the following compounds:
i. Copper carbonate   ii. Potassium bisulphate   iii. Lead nitrate
iv. Ammonium acetate   v. Zinc oxide   vi. Iron sulphate
vii. Carbonic acid   viii. Phosphoric acid   ix. Sulphuric acid
x. Sodium bicarbonate   xi. Barium chloride   xii. Aluminium hydroxide

Subject: BIOLOGY
1. To solve the food problem of the country, which among the following is necessary?
(a) Increased production and storage of food grains
(b) Easy access of people to the food grain
(c) People should have money to purchase the grains
(d) All of the above
2. Weeds affect the crop plants by
(a) killing of plants in field before they grow
(b) dominating the plants to grow
c) competing for various resources of crops (plants) causing low availability of nutrients
(d) all of the above
3. Match the column A with the column B
(A)	(B)
(a) Catla	(i) Bottom feeders
(b) Rohu	(ii) Surface feeders
(c) Mrigal	(iii) Middle – zone feeders
(d) Fish farming	(iv) Culture fishery
4. Define the term hybridization and photoperiod.
5. Name two types of animal feed and write their functions.
6. Suggest some preventive measures for the diseases of poultry birds.
7. What are pathogens? Name any two plant diseases caused by pathogens.

Subject: SOCIAL SCIENCE
1. Explain the functions of parliament.
2. What makes the supreme court the highest judicial authority in India?
3. Mention the differences between Lok Sabha and Rajya Sabha.
4. Describe the retreating monsoon and its impact on different regions of India.
5. What are Western disturbances?
6. What did the term Lebensraum mean in Nazi ideology?
7. Why did the Great depression affect Germany so severely?
8. Mention any two problems pastoralists faced under colonial rule?
9. Describe any three changes the Maasai experienced under colonial rule.
10. What are the causes of food insecurity in India?
11. Explain the role of government schemes in ensuring food security.
12. What are the limitations of the Public Distribution System?

Subject: हिंदी (द्वितीय भाषा)
I.निम्नलिखित वाक्यों को पढ़िए और बताइए कि ये अर्थ के आधार पर कौन-से भेद के अंतर्गत आते हैं।
  1.काश! मुझे भी कश्मीर जाने का अवसर मिलता।   2. राम अच्छा लड़का है और प्रतिदिन पढ़ने आता है।
  3. यदि तुम समय पर आते, तो बस नहीं छूटती।   4. शायद आज रात तक वर्षा हो जाए।

II.निर्देशानुसार अर्थ के आधार पर वाक्य बदलिए।

   1. यदि परिश्रम करोगे, तो सफल हो जाओगे। (आज्ञावाचक वाक्य में) 2. ईश्वर सबका भला करे। (प्रश्नवाचक वाक्य में)

   3. रोहन कक्षा में प्रथम आया। (विस्मयादिबोधक वाक्य में)   4. उसने आज पढ़ाई नहीं की। (विधानवाचक वाक्य में)

III. उपसर्ग और मूल शब्द अलग करें--1. अत्यधिक 2. निर्भय 3. अनूदित

IV. निम्नलिखित उपसर्गों का प्रयोग करके दो-दो नए शब्द बनाइए:

  अध (आधा): (i) _____ (ii) _____ कु (बुरा): (i) _____ (ii) _____

V. मूल शब्द प्रत्यय अलग करें-1. धार्मिक 2. चुनौती 3. बुढ़ापा 4. लिखाई 5. बचपन

VI. निम्नलिखित शब्दों में उपसर्ग, मूल शब्द और प्रत्यय तीनों को अलग-अलग करके लिखिए:

  1. अपमानित 2. परतंत्रता 3. असफलता

VII. 'खुशबू रचते हैं हाथ' कविता में कितने तरह के हाथों की चर्चा हुई है?

VIII. त्रिपुरा बहु धार्मिक समाज का उदाहरण कैसे बना?

IX 'जैविक (ऑर्गेनिक) खेती : एक कदम प्रकृति की ओर' विषय पर दिए गए संकेत बिंदुओं के आधार पर अनुच्छेद लिखिए।

  समय की माँग   सकारात्मक प्रभाव   कठिनाइयाँ, सुझाव

X. हाल ही में भारतीय महिला टीम द्वारा विश्व कप जीतने के विषय पर माता-पिता के बीच एक प्रेरणादायक संवाद लिखें।

Subject: తెలుగు (ద్వితీయ భాష)

1. క్రింది పద్యమునకు ప్రతి పదార్థం రాసి బాగా రాయండి.

i. అంబర వీధి యందు గణనయ్యె ను బారులు...............

.... చరణ లాస్య విలాసము లుల్లసిల్లగన్.

2. క్రింది ప్రశ్నలకు జవాబులు రాయండి.

i. తీర్పు కథలో నీకు ఎవరి పాత్ర నచ్చింది ఎందుకు రాయండి.

ii. వల్లూరులో శ్రీపాద సుబ్రహ్మణ్య శాస్త్రి గారి దినచర్య గురించి రాయండి.

iii. అభివృద్ధి కోసం పాటుపడే వ్యక్తికి ఉండాల్సిన లక్షణాలను రాయండి.

3. క్రింది వాక్యమునకు అర్థ సందర్భంలు రాయండి.

i.   నేను పొరుగూళ్లు వెళ్ళడం ఏ మాత్రం ఇష్టం లేదు మా అమ్మగారికి.

ii. బిడ్డలను కనడంలో లేదు వారికి సభ్యత అలవరచడంలోనే ఉంది గొప్పతనం.

iii. బిరబిర జని ఎత్తి చేయొచ్చే ప్రేమాంకమునాన్.

Subject: संस्कृतम् (द्वितीय भाषा)

1.भवतः नाम विष्णुगुप्तः मित्रस्य नाम सुशान्तः- एक संस्कृत नाटक विषये मित्रं प्रति पत्रं लिखत-

(भूत्वा, नाटके, अस्माभिः, दिल्लीतः, प्रणामाः, विष्णुगुप्तः, कुशलम्, पुरस्कारः, सुशान्तः, ज्ञात्वा)

2.पञ्चवाक्यानि संस्कृते अनुवादयत |

3.पञ्च प्रत्यय प्रश्नान् लिखत |

4.दश कारक- उपपद विभक्ति वाक्यानि लिखत |

5.एकं घटनाक्रमं लिखत (सिकतासेतुः) |