Subject: ENGLISH

I. 1. The Nobel Prize is a set of annual international awards bestowed in a number of categories by the Swedish and Norwegian committees in recognition of academic, cultural and/or scientific advances. The will of the Swedish inventor Alfred Nobel established the prizes in 1895. The prizes in Chemistry, Literature, Peace, Physics, and Physiology or Medicine were first awarded in 1901. The related Nobel Memorial Prize in Economic Sciences was established by Sweden's Central Bank in 1968. The Nobel Prize itself was made of a mixture of gold and silver with 24 carat or 4.8 g gold coating. Between 1901 and 2015, the Nobel Prizes and the Prize in Economic Sciences were awarded 573 times to 900 people and organisations. With some receiving the Nobel Prize more than once, this makes a total of 870 individuals (821 men and 49 women) and 23 organisations.

2. The prizes are awarded in Stockholm, Sweden, except for the Peace Prize which is awarded in Oslo, Norway. The Nobel Prize is widely regarded as the most prestigious award available in the fields of Literature, Medicine, Physics, Chemistry, Peace, and Economics.

3. The Royal Swedish Academy of Sciences awards the Nobel Prize in Physics, the Nobel Prize in Chemistry, and the Nobel Memorial Prize in Economic Sciences; the Nobel Assembly at Karolinska Institute awards the Nobel Prize in Physiology or Medicine; the Swedish Academy grants the Nobel Prize in Literature; and the Nobel Peace Prize is awarded not by a Swedish organisation but by the Norwegian Nobel Committee.

4. The various prizes are awarded yearly. Each recipient or laureate receives a gold medal, a diploma and a sum of money which is decided by the Nobel Foundation. As of 2012, each prize was worth 8 million SEK (c. US$1.2 million/ £0.6 million). The prize is not awarded posthumously; however, if a person is awarded a prize and dies before receiving it, the prize may still be presented. Though the average number of laureates per prize increased substantially during the 20th century, a prize may not be shared among more than three people. Some of the Nobel Prize Winners from India are Rabindranath Tagore, Amartya Sen, CV Raman. Mother Teresa, Kailash Satyarthi, Sir VS Naipaul, etc.

Answer the following questions on the basis of the passage you have read.

i) By which important declaration was the Nobel Prize established?
a) By the Swedish government.
b) By the government of Norway.
c) By the will of a Swedish inventor.
d) By an international declaration.

ii) .... was first awarded in 1901.
a) Nobel Prize for Chemistry
b) Nobel Prize for Literature
c) Nobel Prize for Peace
d) All of the above

iii) In which of the following fields is the Nobel Prize not awarded?
a) Chemistry   b) Engineering
c) Medicine   d) Both (a) and (c)

iv) Among how many people can the Nobel Prize be shared?
v) In what all fields is the Nobel Prize awarded?
vi) What do the words in the passage mean:
a) Posthumously   b) laureate

II. Fill in the blanks with the correct tense of the verbs given in brackets:

Jack was really unlucky this morning. As he...........i)(leave) his apartment building, he was hit on the head with a flowerpot which had just fallen from a windowsill. And when he got to the bus stop, the 8:00 am. Bus had just left. What a pity! It ....ii)(seem) that he would be late for work. After he ....iii)(wait) for 15 more minutes, the next bus arrived. He got on it in a hurry. However, while he was riding on the bus, a pickpocket who was standing behind him stole his

wallet. All his money and identification cards ....iv)(take) And when he finally arrived at work, his boss ....v)(wait) for him for half an hour and became very angry. Poor Jack! He was really unlucky and was fired by his boss that day!

III. Convert the following sentences into indirect speech:

i) Ravi said, "I love this place".
ii) "Do you like football?" he asked me.
iii) "I can't drive a lorry", he said.
iv) "Be nice to your brother", he said.
v) "Don't be nasty", he said.
vi) "Don't waste your money", she said.
vii) "What have you decided to do?", she asked him
viii) "I always wake up early", he said.
ix) "You should revise your lessons", he said.
x) "Where have you been? "he asked me.
xi) She said, "I went to cinema yesterday."
xii) You said, "I will do this for him."
xiii) He said, "I am writing a test tomorrow".
xiv) She said, "I am not hungry now".
xv) They said, "We have never been here before."

IV. Change these active sentences into passive voice.

i) They will punish him.
ii) They are painting my office today.
iii) They have just done the work.
iv) She bought this camera in Japan.
v) They took my daughter away from me.
vi) Mosquitoes were eating me alive.
vii) They had made many promises.
viii) They will have completed the new bridge by March.
ix) They are going to arrest me.
x) An American writer wrote this novel.

V. Error correction:

		Incorrect	Correct
Theophil Eshley was an artist of	a)		
profession. He is very good at his	b)		
work, and could painted any	c)		
subject he could think from,	d)		
but circumstances have forced him	e)		
to specialise to pictures of cows.	f)		

Subject: MATHEMATICS

1. Plot the points on the graph: - (0,2), (5,0), (3,4)
2. Plot the points (0,0) , (1,1) , (2,2) and (4,4) on the graph . Do they lie on a line.
3. Factorize : (i) $y^2 + y - 56$ (ii) $x^2 - 16$
4. Simplify: (i) $\frac{x^2+6x+9}{x+3}$ (ii) $\frac{16a^2-81b^2}{4a-9b}$
5. Divide: (i) $13xy^3z^2$ by $13xyz$ (ii) $8a^3 - 27b^3$ by $2a - 3b$ (iii) $(x + y)^3$ by (x + y)
6. Find HCF of :
   (i) 20 pq^2 and 10p^{3}q^3 (ii) 81 x^{3}y^3 and 21xy   (iii) 48xyz^2 and 3x^{2}y^{2}z^2
7. A garrison of 500 men had a provision for 60 days. A reinforcement of 500 men arrived , the food will last for how many days?
8. A train 150 m long is running at a speed of 90 km/hr. Find the time taken by the train to cross a tree.
9. Anil can cover a distance of 5 km in 20 minutes. Find the distance covered by him in 50 minutes.
10. If 20 men working together can finish a job in 20 days then find the number of days taken by 25 men of the same capacity to finish the job.
11. A train is moving at a uniform speed of 72 km/hr.
(i) How far will it travel in 25 minutes.
(ii) Find the time required to cover a distance of 216 km.

12. Draw a graph for the following:

Side of square (in cm)	2	3	3.5	5	6
Perimeter (in cm)	8	12	14	20	24

Is it a linear graph?

Subject: SCIENCE

I-Choose the correct answer:
1.Which of these is the male sex hormone?
a. testosterone   b. oestrogen   c. thyroxine   d. adrenaline
2.Which of these is designed to reduce the pressure exerted on a surface?
a.a sharp knife   b.a broad tyre   c.a sharp pin   d.a thin bag handle
3.Which of these items lower friction?
a. wheels   b. grooves   c. spikes   d. gravel and sand
4.What kind of musical instrument is a sitar?
a. string   b. percussion   c. wind   d. reed
5.Which of these metals is deposited on iron to prevent it from reacting chemically with food?
a. gold   b. silver   c. chromium   d. tin
6.Atmospheric electricity was discovered by –
a. Thales   b. Benjamin Franklin   c. Isaac Newton   d. William Gilbert
II-Assertion-Reasoning based questions:
7.Assertion: The ray of light which falls on the mirror is called the incident ray.
  Reason: Light rays bend over a hurdle and travel.
8.Assertion: The splitting of light into its component colours is called dispersion.
   Reason: During dispersion a prism splits white light into its component colours.
9.Assertion: The scientific study of celestial object is called astronomy.
   Reason: Group of stars forming a recognisable shape when seen from Earth are known as constellations.
10.Assertion: Waste water should be released into water bodies without treatment.
    Reason: Potable water is water that can be consumed without causing adverse health effects.
III-Case-study. Read the following paragraph and answer the questions that follow.
The scientific study of celestial objects is called astronomy. A cluster of stars is called a galaxy. The universe includes everything that exists. The stars appear to move from east to west because the Earth rotates on its axis from west to east. The changes in the shape of the Moon as observed from the Earth are called phases of the Moon.
Answer the following:
1.Are the constellations members of our solar system? Why?
2.What are artificial satellites?
3.What is astronomy?
4.What are meteoroids?
IV-Answer the following questions:
1.Explain the menstrual cycle with the help of a diagram.
2.Describe an experiment to show that atmospheric pressure acts in all directions.
3.Why does lubrication reduce friction?
4.What are the hazards of noise pollution?
5.The electric supply should be disconnected from the mains in case of seepage of water near an electrical point. Why?
6.Why do earthquakes occur?
7.When does an object become visible to us?
8.How is a rainbow formed?
9.Why there is no atmosphere on Mercury?
10.What is meant by the greenhouse effect?

Subject: SOCIAL SCIENCE

1. What are the different ways of resource conservation?
2. "Different crops are grown in different regions" Give reasons why.
3. Which industry is often referred to as the backbone of modern industry?
4. What are population pyramids? How do they help in understanding about the population of a country?
5. Which state has the highest number of MP's in the present Lok Sabha? Political parties currently form the opposition in present Lok Sabha?

6. Criminal offence is regarded as public wrong? Explain.
7. "The constitution safeguards to protect minority communities" Give reasons why.
8. Write about the list of crimes that come under the scheduled castes and the scheduled tribes (prevention of atrocities) act, 1989.
9. Why are most of the private hospitals and private schools located in major cities and not in town or rural areas?
10. How can laws ensure that markets work in a manner that is fair? Give 2 examples to support your answer.
11. Explain the system of subsidiary alliance
12. What impact did Bahadur Shah Zafar's support to the rebellion have on the people and the ruling families?
13. Why did James Mill and Thomas Macaulay think that European education was essential in India?
14. How did Jyoti Rao Phule and other reformers justify their criticism of caste inequality in society?
15. Why did Gandhiji choose to break the salt war?

Subject: हिंदी (द्वितीय भाषा)

1) बाज और सांप में से आप किसकी जिंदगी पसंद करेंगे और क्यों?

2) पानी किन दो तत्वों से मिल कर बना है?

3) सांप को बाज की जिंदगी मूर्खतापूर्ण क्यों लगी?

4) कत्री और कर्म वाक्य के दो -दो उदाहरण लिखिए।

5) 'साथ' शब्द का क्रिया विशेषण और संबंध बोधक के रूप वाक्य प्रयोग कीजिए।

6) छी:, बाप रे विस्मयादि बोधक शब्दों का वाक्य में प्रयोग कीजिए।

7) क्रिया विशेषण के चारों भेदों के लिए एक -एक उदाहरण लिखिए।

8) ' वह ' शब्द का प्रयोग संबंध वाचक और पुरुष वाचक सर्वनाम में कीजिए।

9) विशेषण बनाएं – भुलक्कड़, उड़ना, भारत।

10) कक्षा वनभोज (पिकनिक) आयोजित करने के लिए अपने विद्यालय को प्राचार्य को एक पत्र लिखिए।

Subject: తెలుగు (ద్వితీయ భాష)

వ్యాసాలు: 1. గ్రంథాలయాలు

2. వార్తాపత్రికలు 3. విద్యార్థులకు క్రమశిక్షణ 4. స్వచ్ఛభారత్

లేఖలు :

1. విజయవాడలో నివసిస్తున్న నీ మిత్రుని, విశాఖపట్నం ప్రకృతి సౌందర్యాన్ని చూడాలని ఆహ్వానిస్తూ మిత్రునికి లేఖ రాయము.

సంధులు: సవర్ణ . ఉకార, ఇకారా సంధులను నిర్వచనం, ఉదాహరణలతో రాయండి.

ప్రతిపదార్థాలు : 1. చిక్కిన కాసుచే దనివి......

2. కనక విశాల చేల! భవకానన....

3. దానము జేయనేరని యధార్ఘికు.....

Subject: हिंदी (तृतीय भाषा)

1)61 से 75 तक हिंदी में लिखिए।

2)पांच अनाज के नाम लिखो।

3) पांच फलों के नाम लिखो।

4) पांच फूलों के नाम लिखो।

6)पांच त्योहारों के नाम लिखो।

Subject: తెలుగు (తృతీయ భాష)

I. అర్ధాలు

1. వివాహం.2.తీరు3.క్రీడలు4.గ్రహించు5.పక్షం 6.కృష్ణ.7.విద్య 8.మధురం09.కీరం 10.దండిగా

II. వ్యతిరేక పదాలు

1. పగలు x 2. ఉదయం x 3. నెల x 4. ఆసక్తి x.   5. ప్రస్తుతం x6.ఓడించు x 7.స్వదేశం x

8.వెలుగు x 9.శాంతి x 10.ఆలస్యం x

III. ఖాళీలు

1. పల్లెలన్నా ప్రకృతి అన్నా ఆమెకు...........

2. అత్యంత భక్తి శ్రద్ధలతో ....సాధన చేశాడు.

3. ప్రతి పక్షానికి .... తిధులుంటాయి.

4. పౌర్ణమి రోజు చంద్రుడు .... గుండ్రంగా ఉంటాడు.

5. వర్తకుని వద్ద .... పలికే చిలుక ఒకటి ఉండేది.

6. ఆకాశంలో .... జెండా

7. .... పండుగ వచ్చినది సరదాలెన్నో తెచ్చినది.

IV. ప్రశ్నలు

1. ఒక రోజు కాలాన్ని ఎలా నిర్ణయిస్తారు?

2. కాలాన్ని ఎలా కొలుస్తాం?

3. అశ్వని నాచప్ప భర్త పేరేమిటి? ఆయన ఏ ఆటగాడు?

4. మీకు నచ్చిన ఒక పండుగ ఎలా జరుపు కుంటారో రాయండి.

5. జాతీయ జెండాలో ఎన్ని రంగులు ఉంటాయి?అవి ఏవి?

6. ఏకలవ్యునికి ఏ విద్య అంటే ప్రాణం?

7. బాబాయిని ఇంకా ఏమని పిలుస్తారు?

8. చిలుక సందేశం ఏమిటి?

Subject: संस्कृतम्

1.शारदा-3 रचनात्मक मूल्याङ्कन पत्रेषु प्रश्ननिर्माण वाक्यानां लेखनाभ्यासः ।

2. शारदा -3 pg110 क्त्वा – तुमुन् – ल्यप् प्रत्ययानां लेखनाभ्यासः ।

3. प्रबोधः – 3 अपठित एकस्य गद्यांशस्य लेखनाभ्यासः।

4. प्रबोधः – 3 एकस्य पत्रस्य लेखनाभ्यासः ।

5. शारदा – 3pg 82-83 मञ्जूषा सहायेन एकस्य चित्रस्य संस्कृते पञ्चवाक्यानि लिखत।