Subject: ENGLISH

A. Change the following Active sentences into Passive sentences:
1. Sam was driving a car.
2. He drew a picture.
3. Why did they beat you?
4. Someone has stolen my pen.
5. We have booked our tickets.
6. I am cooking my dinner.
7. Mohan learns English.
8. Who teaches you Mathematics?
9. Sham will write a letter.
10. Never tell a lie.

B. Choose the correct form of verbs:
1. Neither of the houses _____(is/are) worth much.
2. Some of the food _____(is/are) delicious.
3. The news _____(seems/seem) more and more depressing every day.
4. Measles _____ (is/are) the only childhood disease I haven't had.
5. Three weeks _____ (are/is) a long vacation.
6. The team _____(has/have) received their letters.
7. The detectives ____(are/is) investigating the case.
8. None of these flowers _____(grow/grows) well inside the house.
9. Neither of these printers _____(work/works) properly.
10. Bread and eggs ___ (is/are) my favourite.

C. Rewrite the sentences given below using different degrees of comparison.
1. Shakespeare is the most famous of all writers in English.
2. Iron is more useful than any other metal.
3. I earn as much money as Ram.
4. China is larger than India.
5. Greenland is the largest island in the world.
6. Air is lighter than water.
7. I am taller than my brother.
8. Shyam is the strongest boy in the class

D. Circle the word in each set of parentheses that best completes the sentence.
1. After the battle ended, Lieutenant Shull sadly buried his fallen friend and carved an (exclusion, epitaph, immortality) into a nearby tree.
2. Some of the crew members wondered whether the director had made an (impartial, implausible, immaterial) decision when she gave her best friend the lead role in the play.
3. Insects are not known for their (longevity, epitaph, stricture), but the female termite can live up to fifty years.
4. Each year on this date, my parents dress up like a bride and groom to (impersonate, preclude, commemorate) their wedding day.
5. Sean spent some extra time studying his geometry in order to (imprint, imprison, preclude) failure on the test.
6. Playing on a well-tuned piano is (impervious, immaterial, impenitent) if you haven't practiced the song.

7. The comedian was trying to (commemorate, exclude, impersonate) the president, but he didn't sound or act anything like him.
8. The (stricture, cloister, sustenance) Sandy placed on her dog was to prevent him from chewing her shoes.
9. An experienced detective can find subtle clues that would be (impartial, implausible, imperceptible) to ordinary people.
10. The shark saw its (predator, quarry, cloister) and moved in for the kill.

E. Read the passage 'Fire' given on page no 154, 155 and answer the given questions.

Subject: MATHEMATICS

1. Find the volume of a cylinder of height 40 cm and having radius of the base 35 cm.
2. Volume of a cube is 216 cm³. Find its side.
3. Find the lateral surface area of a right circular cylinder, if its base has radius 3 cm and its height is 5 cm.
4. How many bricks will be required for a wall 8 m long, 6m high and 22.5 cm thick, if each brick measures 25 cm x 11.25 cm x 6 cm.
5. A cuboid is of measure 64 cm x 54 cm x 30 cm. How many small cubes with side 6 cm can be placed in the given cuboid?
6. The area of a rhombus is 240 cm² and one of the diagonals is 16 cm. Find the other diagonal.
7. Find the side of a cube whose surface area is 600 cm².
8. Write in the expanded form.   (a) 9.7×10^{-11} (b) 9.8×10^{8}
9. Write in the standard form   (a) 42 million   (b) 0.000056
10. Find the value of x , if $5^{2x+1} = 5^3$

Subject: SCIENCE

1. Why are adolescents usually advised to include more calcium in their diet than adults?
2. Why do you think adolescents are more prone to drug abuse than young children? Give reasons.
3. Discuss the endocrine system and its functions.
4. Mercury weighs more than water. Would you expect the pressure exerted by water to be greater or less than the pressure exerted by the same amount of mercury?
5. A box of mass 5 kg has a base of area 2 m². Calculate the pressure exerted by it on the ground. (USE 1 Kg-f= 10 N).
6. The mass of a brick is 250 g. Its dimensions are 10cmx5cmx2cm. Find the pressure the brick exerts on the ground if it rests on   a.10cmx5cm   b.5cmx2cm.
   On which dimension does it exert more pressure.
7. Why is it easier to cut vegetables with a sharper knife?
8. Can you think of a situation where it is necessary to increase air resistance on a falling object? How is it done?
9. Why is rolling friction less than sliding friction?

Subject: SOCIAL SCIENCE

1. What actions did the company took to bring an end to Mughal rule between 1849 to 1856?
2. What measures did the company adopt to reform the Indian society? How did the Indians react to this?
3. Who was William Jones? How can we call him a linguist?
4. Describe the report of William Adam.
5. Define the following terms.
   i. Industry
   ii. Manufacturing
   iii. Life expectancy
6. What are the inputs, processes and output of the textile industry?
7. Distinguish between Agro-based and mineral-based Industry.

8. What is migration? Explain its type.
9. Who are adivasis? How much of Indian's population is Adivasis?
10. What do you mean by the term 'minority'? Why are Muslims considered to be marginalised community?
11. What is reservation policy? How does the reservation policy work?
12. Describe the crimes which the SC and ST (Prevention of Atrocities) Act 1989 deals with?

Subject: हिंदी (द्वितीय भाषा)

1)निम्नलिखित वाक्यों को बहुवचन में बदलिए:

क)यह छात्र बहुत होशियार है।

ख)वह एक अच्छी किताब पढ़ रही है।

ग)लड़का स्कूल जाता है।

घ)वह मेरे दोस्त का घर है।

2). एकवचन में बदलिए:

क)ये छात्र खेल रहे हैं।

ख)बच्चे पार्क में खेलते हैं।

ग)उन्होंने पेड़ लगाया।

घ)वे दोस्त हैं।

3) कौन-कौन से शब्द पुल्लिंग और स्त्रीलिंग दोनों के लिए समान रहते हैं? उदाहरण देकर समझाइए।

प्र०4) बिजली का अधिक बिल आने के कारण अपने क्षेत्र के बिजली विभागाध्यक्ष को पत्र लिखें।

प्र०5) सड़क नियमों के लाभ बताते हुए पिता और पुत्र के मध्य हुई बातचीत को 8 से 10 पंक्तियों में संवाद रूप में लिखें।

प्र०6) दिए गए संकेत बिंदुओं के आधार पर 80-100 शब्दों में अनुच्छेद लेखन कीजिए-

  * समय ही जीवन है

Subject: తెలుగు (ద్వితీయ భాష)

I. ఈ కింది ప్రశ్నలకు సమాధానాలు రాయండి.

1. శ్రీరాముని జీవితంలోని మలుపులు గురించి రాయండి?

2. మీ కుటుంబంలో, బంధువులలో వైఫల్యాలను అధిగమించి విజయాలు పొందిన వారిని గురించి మీ తల్లిదండ్రులని అడిగి తెలుసుకుని వారిని ప్రశంసిస్తూ రాయండి.

3. గ్రహాలపైకి వెళ్లడంలో మానవునికి గల ఆలోచనలు ఏవి?

4. ఆనాటి విద్యార్థులు ఉపాధ్యాయులు పట్ల ఎలాంటి భావన కలిగి వుండే వారు?

II. ఈ కింది సంధి పదాలను విడదీసి రాయుము.

1. పంచామృతం 2. రాజ్యమేర్పాటు 3. ఉత్తరాంధ్ర 4. ఉద్రూతలూగించు

1. మీరు ఎప్పుడైనా పేదవారికి సహాయం చేసి ఉంటే ఏ సందర్భంలో, ఏమి సహాయం చేశారో వివరిస్తూ మిత్రుడికి లేఖ రాయండి.

Subject: संस्कृतम् (द्वितीय भाषा)

1. प्रबोधः – 10 धातु रिक्तस्थानानि पूरयत (pg79-ग)
2. प्रश्ननिर्माणम् लिखत – (पाठ – 11&12)
3. प्रदत्त प्रत्यय पदानि लिखत-
   क.स्था + क्त्वा ख.ग्रह्+क्त्वा ग.दृश्+क्त्वा घ.नी+तुमुन् ङ.कृ+तव्यत्
4. प्रबोधः- अव्यय पदानि लिखत (pg 89,Q2)
5. एकं पत्रं संपूर्णम् पारयित्वा लिखत – शारदा (pg86, Q6)

Subject: हिंदी (तृतीय भाषा)

1) 60 से 75 तक की गिनती हिंदी में लिखिए।
2) 10 जानवरों के नाम लिखिए।
3) 8 त्योहारों के नाम लिखिए।
4) 8 अनाजों के नाम लिखिए। वर्षा ऋतु के बारे में दस वाक्य लिखिए।
5) अपने मनपसंद ऋतुओं के बारे में 10 वाक्य लिखिए।

Subject: తెలుగు (తృతీయ భాష)

ప్రశ్న జవాబులు రాయండి.
1. అశ్విని నాచప్ప ఎప్పుడు, ఎక్కడ జన్మించారు?
2. అశ్విని నాచప్ప నటించిన రెండు తెలుగు చిత్రాల పేర్లు రాయండి.
3. ఒకరోజు కాలాన్ని ఎలా నిర్ణయిస్తారు?
4. చంద్రుడు ఏ పక్షంలో పెరుగుతాడు? ఏ పక్షంలో తగ్గుతాడు?
5. కృష్ణపక్షంలో చంద్రుడు ఎలా ఉంటాడు?
6. శుద్ధ తిథులు ఏ పక్షంలో వస్తాయి?
II. సొంతవాక్యాలు రాయండి.
1. గుండ్రంగా-
2. స్వస్థలం-
III.   ఖాళీలను పూరించండి.
1. దత్తత కరుంబయ్య............ ఆటగాడు.
2. గోని గొప్ప గ్రామంలో విద్యార్థులకు విద్య......,......వసతులు కల్పించారు.
3. ప్రతిపక్షానికి...........తిథులుంటాయి.
4. కృష్ణపక్షానికి మరొక పేరు...........
5. పౌర్ణమి రోజు చంద్రుడు........... గుండ్రంగా ఉంటాడు.
IV.   క్రింది పద్యాన్ని పూరించి, భావం రాయండి.
1. ఉపకారికి.................
..............నేర్పరి సుమతి!
V. కింది పదాలకి అర్థాలు రాయండి.
1. పక్షం=.   2. కృష్ణ=
3. వివాహం=.   4. విరమించు=
5. తీరు=