SILICA
YOUR DESIGN CAREER GUIDE

NID(UG) Original 2010 Test Paper

Student Name   _____

Centre   _____   Date _____

Batch Day   _____   & Time _____

Time: - 3 hrs.   Total marks: - 100

Q.1.1. Draw an adult human form in front of a mirror. Both the person and his / her reflection should be drawn. Use A4 size paper. **(10 marks)**
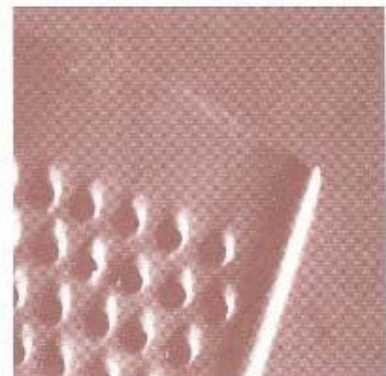
Q.1.2. Identify any FIVE objects from the given pictures below. Visualize and draw ONE object in full in three dimensions and write about the material and use of the object. **(10 marks)**
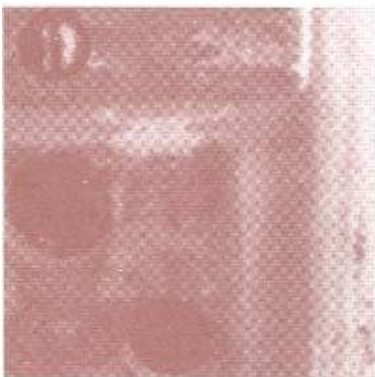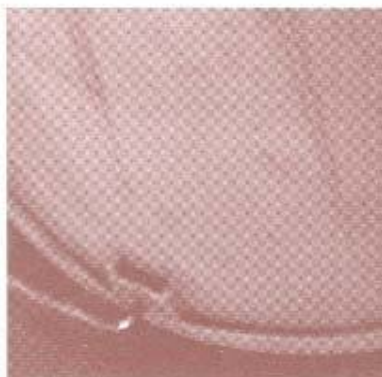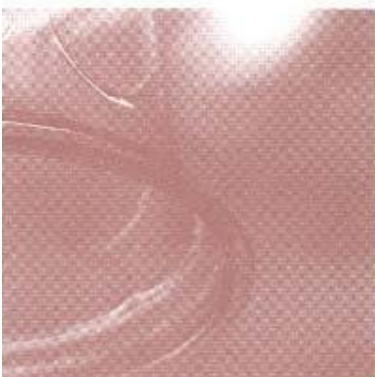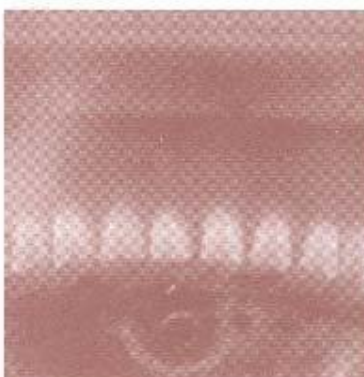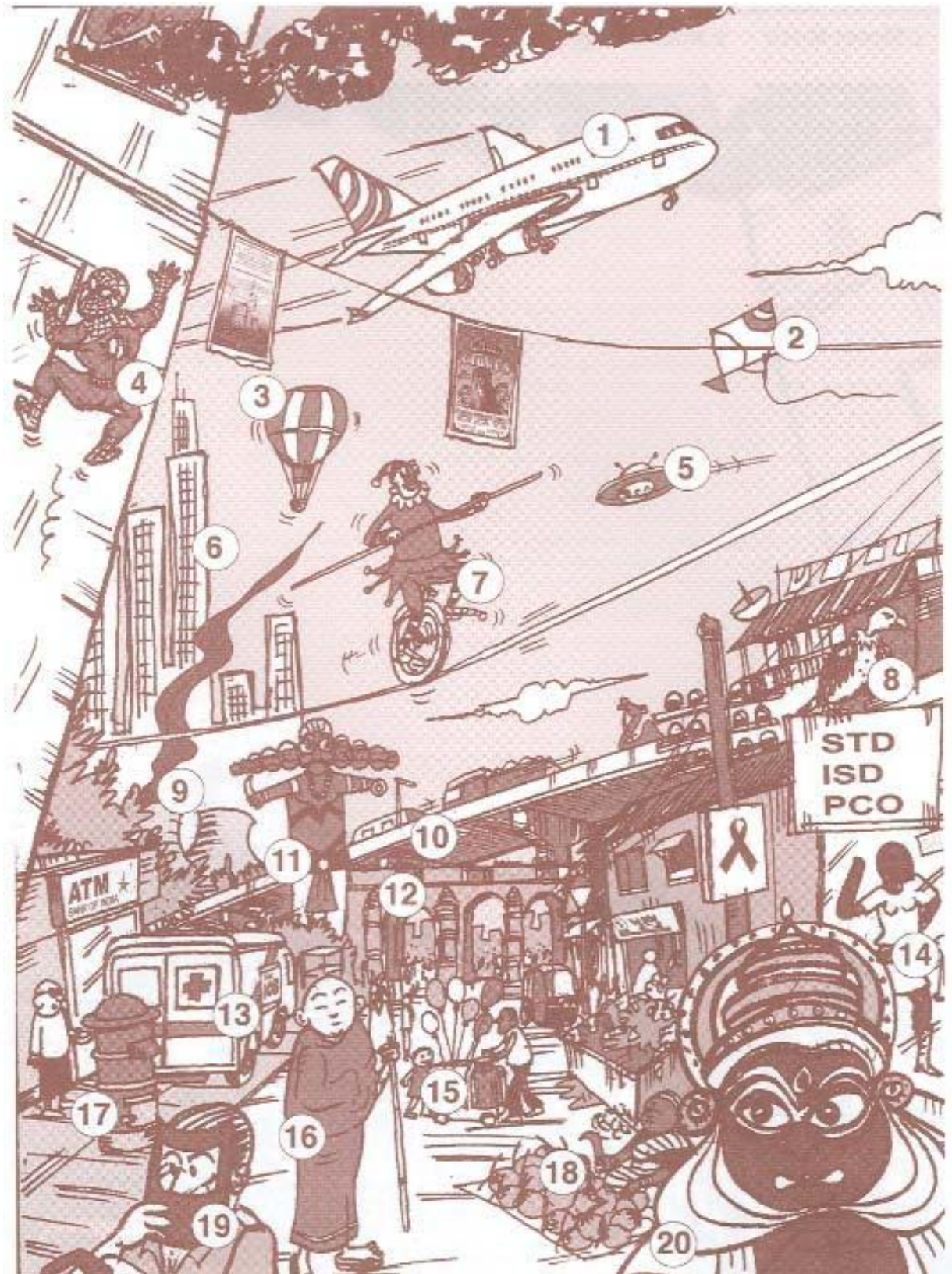
Q.2. There are 20 images circled with numbers below within the illustrations. There are also 20 words listed below the illustrations. Match the numbered visuals to the given word appropriately. **(10 marks)**

O Culture	O Joy	O Carbon	O Fantasy
O Crisis	O Fake	O Ritual	O Local
O Balance	O Extinct	O Pure	O Giant
O Lost	O Relic	O Guard	O Concrete
O Alien	O Future	O Obsolute	O Gas

Q.3.1. Draw three objects from your memory to be handled by the thumb and index finger together. Draw them in 3 dimensions in use. Use A4 size paper. **(10 marks)**

Q.3.2. Choose one object from Questions 3.1. Redesign / modify it to be used by a person without hands while retaining its functionality or purpose of use. Visualize and draw in the space below and explain its function briefly within 25 words. Use A4 size paper. **(10 marks)**

Q.4.1. Create a communication visual on 'the importance of laughing'. Give suitable caption and explain the concept. Use A4 size paper. **(7 marks)**

Q.4.2. Use different colours to depict each of the three stages of growth of ANY one of the following. Tick on the subject selected: **(4 marks)**

a) Papaya   b) Rose   c) Apple   d) Tomato

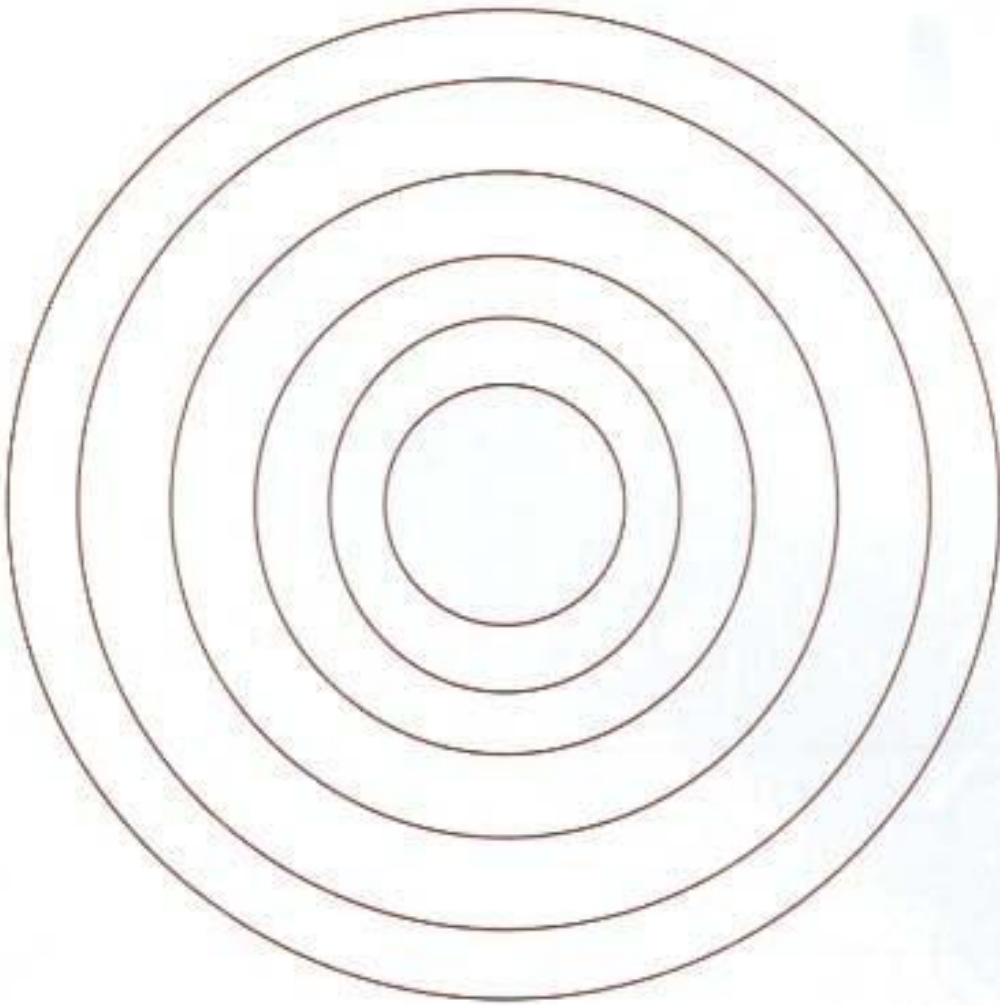Raw   Ripe   Over ripe / dry

Q.4.3. Fill each of the concentric rings with colours which express any one of the following emotions. Tick on the emotion selected. Underneath explain the use of colours. **(4 marks)**

1. Happy   2. Angry   3. Displeased   4. Celebrative

_____

_____

_____

_____

_____

_____

_____
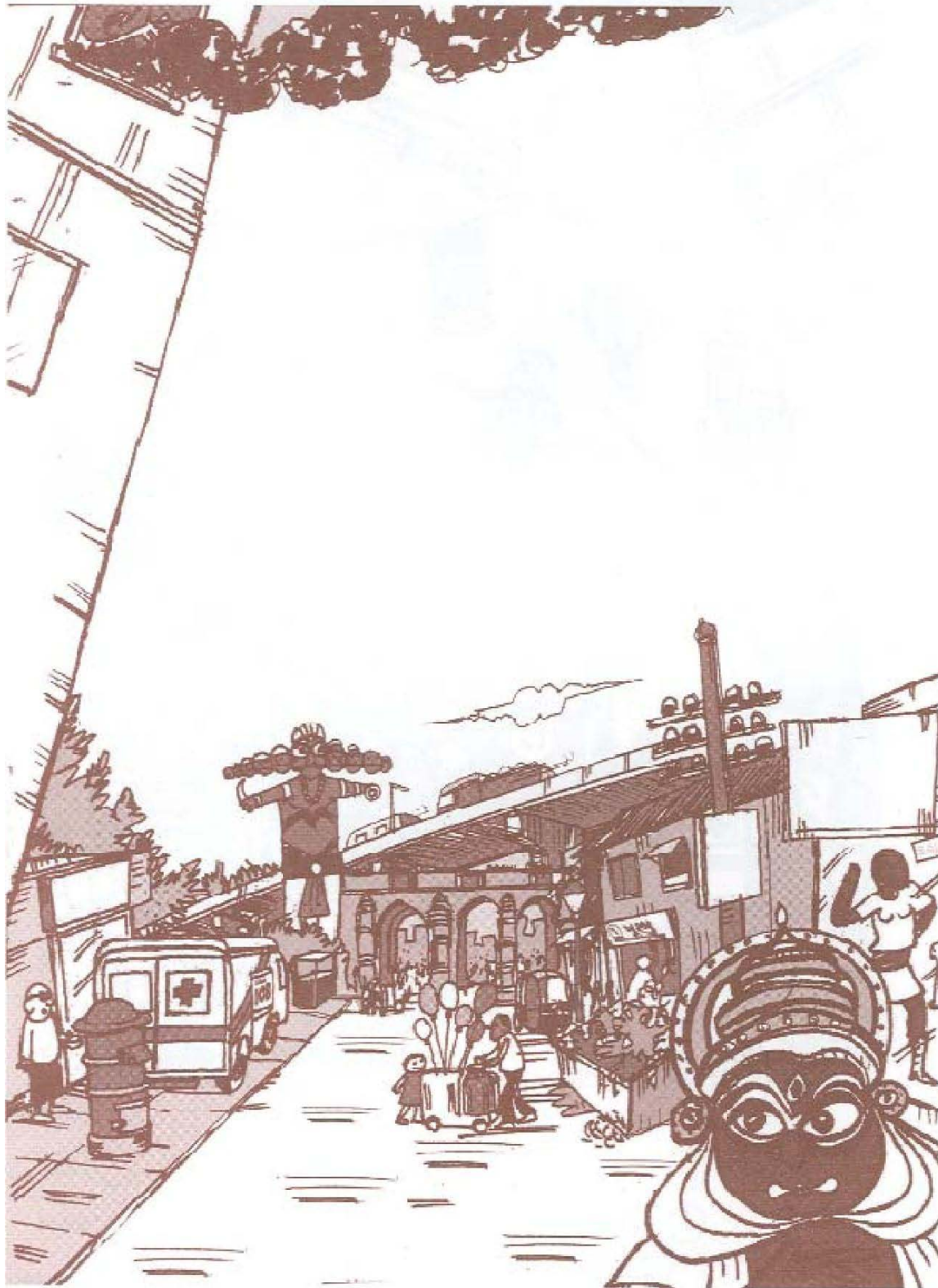
Q.5. There are 5 themes an incomplete illustration given below. Choose and tick any ONE theme and complete the illustration accordingly. Also given a meaningful TITLE to your illustrations in the box given at the bottom of the illustrations. **(5 marks)**

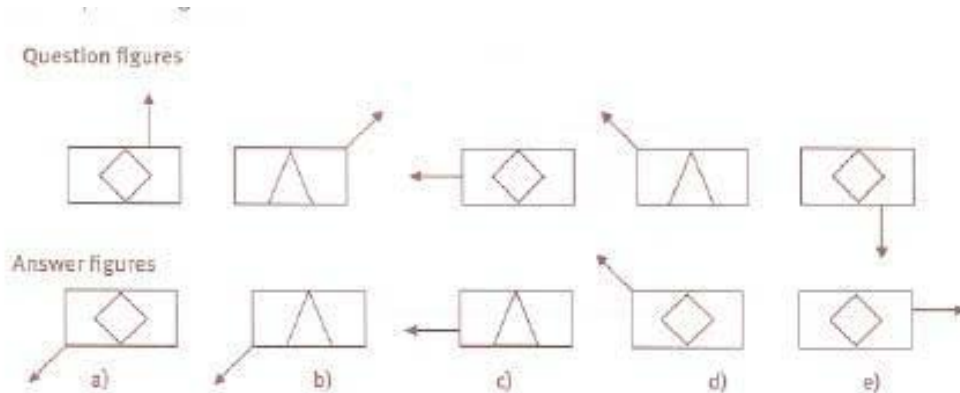1. Street Music   2. Nuclear Age   3. Zen Garden   4. Indus Valley   5. FlowerPower.

Q.6.   A total number of 21 questions are given to below. You are required to answer only 15   **(15 marks)**
        out of the 21 questions given to you. All the questions carry equal marks

1. There are five boys in a row, (i) Rama is not adjacent to Somu or Ayan: (ii) Krishna is not adjacent to
    Somu: Rama is adjacent to Mani and Mani is the person at the time middle of the row. Krishna is
    adjacent to whom out of the following?

    A) Rama b) Nandu c) Mani d) Somu e) cannot be resolved

2. Which one of the five answer figures labeled from 'a' to 'e' shall come after the five figure sequence
    given below as questions figures.

3. Suma was facing south. She turns right and walks to 10m. Then she turns right again and walks 10m.
    Then she turns right again and walk 6 om. In which direction is he from the starting point?

    a)   North b) North-west c) North-east d) West e) South

4. Watch: Time:: _____ : _____ :
        a)   Thermometer :Temperature
        b)   Kilometer : meter
        c)   Speed : Speedometer
        d)   Air pressure : Barometer
        e)   Weight : physical balance

5. Pen : Whiteboard:: _____ : _____ :
        a)   Ink pen : ink
        b)   Door : handle
        c)   Chalk : blackboard
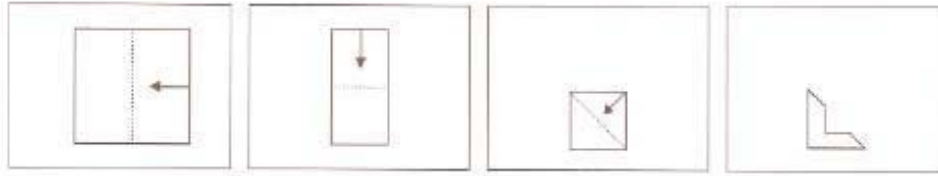   d)   Monkey : tall
        e)   Wall : paint

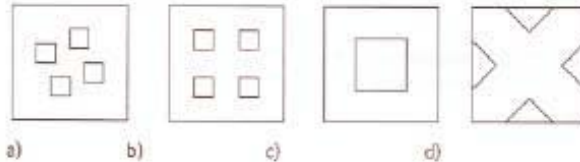6. Two positions of a numbered dice are shown below:

    When 4 is at the bottom, what will be at the top?

7. In the question below a piece of paper is folded and cut as shown in question figures. From the answer figures pick the one to indicate how the paper will appear when opened.

Question figures

Answer figures

a)   b)   c)   d)

8. What number should replace the questions mark?

   121, 2112, 2122, 1132, ?

9. What comes next?

   A AB ABD ABDG ?

10. Which word in brackets is similar in meaning to word in capitals? NEFARIOUS (lax, petty, atrocious, manic, incessant)

11. Which word is the odd one out?

    CLINCH, DEBUT, ULTIMATUM, FAREWELL, EPILOGUE, CULMINATE

12. How any minutes before 1 P.M. is it, if 88 minutes ago it was three times as many minutes past 10 A.M.?

13. What comes nect? 13,

    17, 29, 52, 82, ?

14. Sue has half as many again as fred, and Pat and a third as again as Sue. Altogether they had 216. How many did each have?

15. Place two three-letter bits together to make an animal.

    CON BUF MAN ALO MAR RAC CAY MOS

16. Make this into a word:

    --- KKEE---

17. What number should replace the question mark?

    18, 1, 14 ¼, 5 ¾ , 11 ½ , 10 ½ ?

18. Simplify

$14 - 1\frac{1}{2} \times 3\frac{1}{2} + 3 \times \frac{1}{2}$

19. What is the value of the angle of a regular octagon?

20. If 66 + 102 then 22 = ? _____

21. Change 86^{0}F to Celsius.

| Q.7.1. | You have to survive on Rs. 20.00 (rupees twenty only) only from 5 AM in the morning to 10 PM at night on your own and away from residential places. Described your plan for the day and how you spend your money. Give the break-up in details. Use A4 size paper. | **(5 marks)** |

| Q.7.2. | Describe five specific problems you have personally observed being faced by an elderly person in ANY one of the following modes of public transport. Use A4 size paper. | **(5 marks)** |

    a) Bus   b) Train c) Boat d) Plain

| Q.7.3. | Answer the following questions (Use A4 size paper) | **(5 marks)** |

1 Name the person of Indian origin who got a Nobel prize in 2009.

2 What are tetrapacks? What are they made up of?

3 What was the main purpose of Copenhagen Summit 2009?

4 Name the tree which grows a type of Cotton

5 What is the full form of

    a) E-mail
    b) SMS