VIDYA DEVI JINDAL SCHOOL, HISAR
Aptitude Assessment For Admission (2024-25)
Class: XI
Sample Paper

Subject: English

Time: 40 minutes   **Maximum Marks: 30**

SECTION A: (READING)

1. Read the following passage carefully and answer the questions that follow: 10 X 1 = 10

As the family finally sets off from home after many arguments there is a moment of a lull as the car takes off. "Alright, so where are we going for dinner now?" asks the one at the driving wheel. What follows is chaos as multiple voices. make as many suggestions as possible.

By the time order is restored and a decision is arrived at, tempers have risen, feelings injured and there is at least one person grumbling. Twenty years ago, you would step out of home, decision meal and venue already made with no arguments opposition, and everybody looked forward to the meal with equal enthusiasm.

The decision was made by the head of the family and the others fell in line. Today every member of the family has a say in every decision which also promotes a sense of togetherness and bonding. We empower our kids to make their own decisions from a very early age.

We ask them the cuisine they prefer, the movie they want to see, the holiday they wish to go on and the subjects they wish to study. It's a closely connected world out there where children consult and guide each other. A parent's well - meaning advice can sound like nothing more than unnecessary preaching.

How then do we reach our children through all the conflicting views and make the voice of reason be heard? Children today question choices and prefer to go with the flow. What then is the best path to take? I would say the most important thing one can do is listen to it. Listen to your children and their silences. Ensure that you keep some time aside for them, insist that they share their stories with you. Step into their world. It is not as complicated as it sounds; just a daily half an hour of the 'quality time' would do the trick.

   i. Why does chaos happen when deciding where to go for dinner?

---

      a.   The Head of the family has no say in the decision.
      b.   Everyone starts making a decision.
      c.   People's temper rise when not given a chance to speak.
      d.   People start grumbling.

ii. Why was it easy to make decisions in families, twenty years ago?

      a.   Everyone respected the decision taken by the head.
      b.   If people didn't like anything, they stayed back home.
      c.   People liked grumbling and rising tempers.
      d.   Women were not supposed to take part in decision making.

iii. Who took important decisions twenty years ago?

      a.   all members of the family
      b.   children
      c.   women of the house
      d.   head of the family

iv. What is the advantage of involving everyone in decision making?

      a.   better Decisions
      b.   quicker outcomes
      c.   develops bonding
      d.   empowers children

v. In today's world, why do parents involve their kids in decision making?
vi. What advice does the writer give to the parents?
vii. What all does a parent need to listen to?
viii. What would the half - hour quality time do?

ix. The word which means the same as 'a style or method of cooking' in paragraph 4 is_____.

      a.   science   b. gastric   c. gourmet   d. cuisine

x. The antonym of 'agreeable' as given in paragraph 5 is _____.

      a.   preaching   b. conflicting   c. reason   d. flow

SECTION B: (WRITING)

2. You are Nisha, the Music Teacher at St. Joseph's Convent School, Kanpur. You need some musical instruments for the school. Write a letter to place an order to the Sales Manager, Music Gallery, Civil Lines, Kanpur.   5

OR

You are awaiting your class X results. Meanwhile, you would like to do a short–term course in personality development. Write a letter to the Director, Personal Care, Pune, enquiring about the details about the course. You are Shipra of 150, Goal Road, Mohali.

3. The bar graph shows the amount of money spent on two types of electronic items in India. Write an analytical paragraph summarising the information and make comparisons wherever relevant.
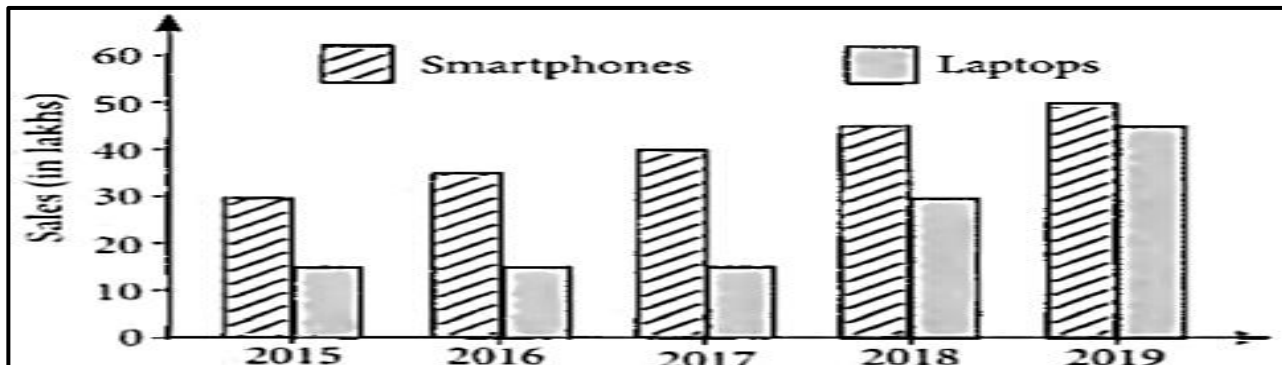
5

SECTION C: (GRAMMAR)

4. Choose the best option out of the given ones.   10 X 1 = 10

   i. I'm afraid that I_____ play tennis tomorrow. I've got a dentist's appointment.

       a. would not be able to   b. couldn't   c. can't   d. wouldn't

   ii. I _____ have taken your advice and stayed away from that place.

       a. may   b. should   c. could   d. must

   iii. Neither she nor I _____ getting the lunch special.
       a. are   b. was   c. am   d. is

   iv. Each of these women _____that she had read the care instructions before washing the delicate and expensive dresses.
       a. would wish   b. wished   c. wish   d. wishes

   v. The books borrowed from the library _____on my desk.
       a. has   b. have   c. is   d. are

   vi. After the meeting, he said a great deal of advice _____.
       a. had been given   b. have been given   c. were given   d. has been given

   vii. Laurel and Hardy _____famous comedians.
       a. was   b. were   c. is   d. have

   viii. Read the conversation and complete the sentence by reporting the reply correctly.
       Anne: I want to order a big pineapple cake for my birthday.
       Confectioner: When is your birthday? Annie told the confectioner _____. The confectioner asked when her birthday was.

ix. Read the conversation and complete the sentence by reporting the reply correctly.

Ankit: Where are you going?

Atul: To the airport. Ankit asked Atul where he was going. Atul replied _____.

x. My father said to us, "We should study and get a good division in the examination." **Reported speech:** _____

    a. My father told us that we shall study and get a good division in the examination.
    b. My father tells us that we should study and get a good division in the examination.
    c. My father told us that we should study and got a good division in the examination.
    d. My father said us that we should study and got a good division in the examination.

SUBJECT: MATHEMATICS

Time: 40 minutes   **Max. Marks: 30**

Note: Attempt all questions. Each question carries 3 marks.

1. Simplify by rationalising the denominator: $\dfrac{2\sqrt{3} + 3\sqrt{5}}{2\sqrt{6} - \sqrt{5}}$.

2. If α and β are zeroes of the polynomial $p(x) = x^2 - px + q$, then find the value of $\alpha^2 + \beta^2$.

3. If the common difference of an A.P. is 5, then find the value of $a_{18} - a_{13}$.

4. Solve the linear equations: $3x - 5y = -1$; $x - 5y = -7$

5. Show that the points (1, -1), (5,2) and (9,5) are collinear.

6. Find the value of k for which the quadratic equation $(k + 1)x^2 + (k + 1)x + 1 = 0$ has equal roots.

7. The sum of first 6 terms of an A.P. is 42. The ratio of its 10th term to its 30th term is 1:3. Calculate the first and the thirteen term of the A.P.

8. Find a point on the x-axis, which is equidistant from the points (7, 6) and (-3, 4).

9. If $3\cos A = 1$, find the value of $\dfrac{6\sin^2 A + \tan^2 A}{4\cos A}$.

10. If one root of the quadratic equation $2x^2 + kx - 6 = 0$ is 2, find the value of k. Also, find the other root.

Emotional Intelligence test

Instructions:
Please read each statement and select the most appropriate response to indicate how frequently you experience the behaviour described in the statement. There are no right and wrong answers and please answer as honestly as possible.

Statements	Never	Rarely	Sometimes	Often	Always
1.Self-Awareness					
I am good at identifying my emotions.					
I have reasonable goals and have got clear ideas about how do I reach those goals.					
I am aware of my emotional triggers.					
I am aware how my behaviour affects other's emotions.					
I have good sense of my own abilities.					
2. Empathy					
I can sense how other people feel.					
I can understand the perspective of others.					
I can establish a sense of trust with others.					
I get affected by seeing people in pain.					
I get affected by media content showing cruelty and violence.					
3. Social Skills					
I can handle disagreements and conflicts gracefully.					
I am confident in social settings.					
I can influence and inspire others in a positive way.					
I can effectively communicate my own emotions to others.					
I can adapt to different social situations easily.					
4. Motivation					
I can regulate emotions to stay focused on my goals.					
I consider myself to be extremely lucky for the life I have.					
I can stay motivated and optimistic in the face of challenges.					
I review my progress regularly.					
I feel I enjoy my work.					
5. Self-Regulation					
I manage stress in healthy ways.					
I can calm myself down when I feel anxious.					

I can control my temper and avoid saying or doing things I later regret.					
I can communicate my ideas assertively and respectfully.					
I listen attentively when other people talk.					