VIDYA DEVI JINDAL SCHOOL, HISAR
Aptitude Assessment For Admission (2025-26)
SAMPLE PAPER

Class: XI

Name of the Student: _____

Father's Name: _____

Mother's Name: _____

Registration No. : _____

Observer's Signature _____

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

General Instructions:
  i) The paper is divided into 03 sections- A, B & C. All the sections are compulsory.
  ii) Separate instructions are given with each section. Read the instructions carefully and follow
     them.
  iii) Do not exceed the prescribed word limit.

SECTION A: (READING)

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

Do you have a hobby? Is there anything that you are passionate about? Something creative that you really like doing, or are deeply involved with? Something that grips you, makes you forget all else — even makes you forget to eat or sleep? No, I am not talking about your job or your daily chores. By developing a parallel line, other than that of your job, and following it like crazy, you energise your life. It will keep you going even when all other activities have stopped. It did not make much sense to me until I ran into a retired officer turned passionate writer.

Let's call him Mr. X. What was amazing was his appearance. He looked 10 years younger than his self - proclaimed 75 - dark grey hair, tall and robust. Well - preserved, as some would say. ''I don't want to take much of your time, but just wanted to show you my work,'' he said. In his bag, he was carrying dozens of books that he had written after retirement. Short stories and novels in his mother tongue and in English, for children and adults. Mr. X retired after putting in 30 years of service.

But he did not retire from life. No way. ''In fact, I lead a much busier life now - writing.'' ''So writing is your hobby?'' I asked him. ''No, it is my only interest. While I was working, I did not have enough time to write. But now I work 10 - 12 hours a day writing, writing, writing.'' ''Why? Is that the way you support yourself?'' ''No, my writings don't pay me financially, but they fulfil me otherwise,'' he said. Mr. X lives on his savings, but he relies on his passion to take care of his mental and physical wellbeing. In fact, such is the energy and sense of satisfaction and contentment that he draws from his writing that he has managed to survive many upheavals in life.

Thanks to his passion, retirement never became a sad phase of life for him; instead, it gave him a new lease of life, an opportunity to do that which he missed out on or had no time for earlier. And his level of commitment was impressive. He does not want publicity nor is he interested in advertising himself. ''It will take me away from my writing and pull me into the world of the Internet. I would rather follow my passion,'' he says. Gathering his books, he was soon ready to leave - eager to go back to his passion. He left me with the motivation to seek one, too. Thank you, Mr. X.

 i.   According to the passage, what is a hobby?

ii.   According to the writer, what made Mr. X look 10 years younger?

iii.   What did Mr. X do after retirement?
            a. Advertise his books   b. Followed his passion for writing
            c. Continued working even after retirement   d. Met new people and motivate them

iv.   How were the retirement years of Mr. X?

v.   Why was Mr. X not interested in seeking publicity?

vi.   Mr. X lives on his _____ .
            a. savings   b. profit from business   c. son's support   d. siblings' support

vii.   Mr. X has managed to survive much _____ in life due to his obsession.
            a. joys   b. celebrations   c. reunions   d. upheavals

viii.   Mr. X wrote books in home many languages?
            a. 1   b. 2   c. 3   d. More than 3

ix.   The noun form of 'fulfill' is
            a. Fulfilling   b. Fulfillment   c. Fulfilled   d. Fulfil

x.   Mr. X left the narrator with a motivation to seek a
   a. book   b. hobby   c. sport   d. pen

SECTION B: (WRITING)

2.   You are Nalini, Hostel warden of ABC Matriculation School, Pune. Write a letter to the Sales Manager Bharat Electronics and Domestic Appliances, Mumbai placing an order for a few fans, microwave ovens, and geysers that you wish to purchase for the hostel. Also, ask for the discount permissible on the purchase.   5

                                  OR

     You are Meera, and would like to share your views on the pros and cons of technology in education. Write a letter to the Editor of a newspaper expressing your views in about 100-120 words.

3.   Here's a graph of different health issues faced by young children between the age of 5 -10 in the country. Write an analytical paragraph on the given information.   5
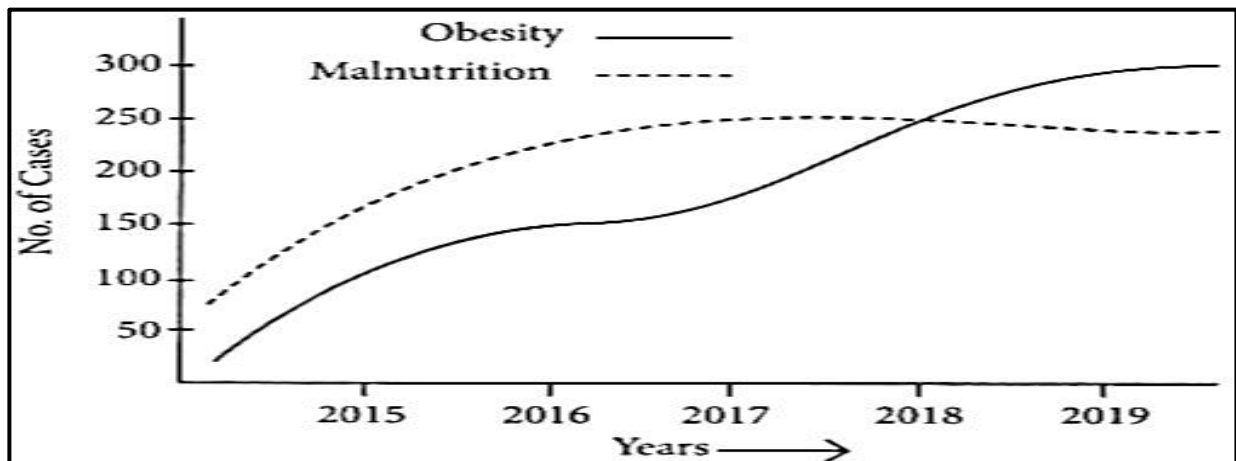
SECTION C: (GRAMMAR)

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

i. If I won a lottery, I _____ purchase a palace.
    a) must   b) should   c) will   d) would

ii. I _____ rather die than beg.
    a) would   b) wouldn't   c) should   d) can

iii. I _____ him for five years.
    a) know   b) knew   c) have known   d) will know

iv. Either you or he _____ the chair.
    a) have broken   b) was broken   c) has broken   d) is broken

v. May I borrow _____ milk? (little /a little / a few)

vi. There are two mobile phones. You can take _____ of these mobile phones. (either, any, all, two)

vii. Read the conversation and complete the sentence by reporting the reply correctly.
    Anne: What do you want to be when you grow up?
    Susan: I want to be a doctor.
    Susan told Anne _____.

viii. Report the dialogue between grandmother and children, by completing the sentence:
    Children**:** Can we go out to play??
    Grandmother**:** Yes, but don't play on the road, boys.
    Giving permission to go to play, Grandmother warned the children and told them _____
ix. The guard asked, "Who are you?"
    a. The guard asked who he was.   b. The guard asked me who he was.
    c. The guard asks me who he was.   d. The guard asked who I was.

x. Should we put _____ today's meeting?
a) on   b) off   c) out   d) in

Subject: Mathematics

Time Allowed:40 Minutes   **Maximum Marks: 30**

 Note: Attempt all questions.

_____
  1. The HCF of 480 and 685 is 480x - 475. Find the value of x.   [3]

  2. If α and β are zeroes of the polynomial $p(x) = 4x^2 + 3x + 7,$ then find the value of $\frac{1}{\alpha} + \frac{1}{\beta}.$ [3]

_____

3. Which term of the A.P. 3,8,13,18……will be 130 more than its 31st term? [3]

4. Sum of two numbers is 35 and their difference is 13. Find the numbers. [3]

5. One root of $kx^2 + 3x - 4 = 0$ is even prime number. Find the value of k. [3]

6. Find the roots of the equation $4x^2 + 4\sqrt{3}x + 3 = 0$. [3]

7. Find the sum of all natural numbers between 100 and 1000 which are multiples of 5. [3]

8. Find the relation between x and y such that the point P(x ,y) is equidistant from the points A(1,4) and B(−1,2). [3]

9. If $\cos A = \frac{3}{5}$, find the value of $\dfrac{\sin A \tan A - 1}{2 \tan^2 A}$. [3]

10. If y = 1 is the common root of equations $ay^2 + ay + 3 = 0$ and $y^2 + y + b = 0$ then find the value of ab. [3]

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.					

Total Score:

Domain	Total score
Self- Awareness	
Empathy	
Social- Skills	
Motivation	
Self-Regulation	