1. **All** the questions are **compulsory**.
2. **All questions** carry **equal** marks.
3. Draw **neat, labelled diagrams** wherever necessary.
4. Use of **simple calculator** is permitted

Q1   Attempt any **two** questions out of three   20

  A   Describe how concepts and prototypes influence our thinking.

  B   Recall some characteristics of creative, divergent thinking.

  C   Discuss Wechsler's method of measuring intelligence.

Q2   Attempt any **two** questions out of three   20

  A   Identify the physical and social factors that influence hunger.

  B   Identify key elements of the cognitive arousal and cognitive mediational theories of emotion.

  C   Identify the key elements of the arousal and incentive approaches to motivation.

Q3   Attempt any **two** questions out of three   20

  A   Describe how Allport and Cattell tried to explain personality with the help of trait theories.

  B   Identify the five trait dimensions of the five factor model of personality.

  C   Explain how twin studies and adoption studies are used in the field of behavioural genetics.

Q4   Attempt any **two** questions out of three   20

  A   Construct a frequency distribution table based on the scores given below

122	144	115	116	128	193	.172	164	122	142
151	233	234	209	252	224	241	217	207	109
137	233	136	130	230	131	204	106	222	126

Plot a histogram based on this frequency distribution table.

B Calculate the mean, the median and the mode based on the data given below.

| 156 | 167 | 145 | 146 | 156 | 167 | 145 | 167 | 176 | 165 | 164 | 167 |

C Calculate standard deviation, range and z score of score 167 based on the data given in Q4B.

Q5   Attempt any **two** questions out of four   20

A Evaluate the influence of heredity and environment on the development of intelligence.

B Explain the characteristics of the three types of needs described by McClelland.

C Explain how the mind and personality are structured, according to Freud.

D Explain how important statistics are in Psychology.

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