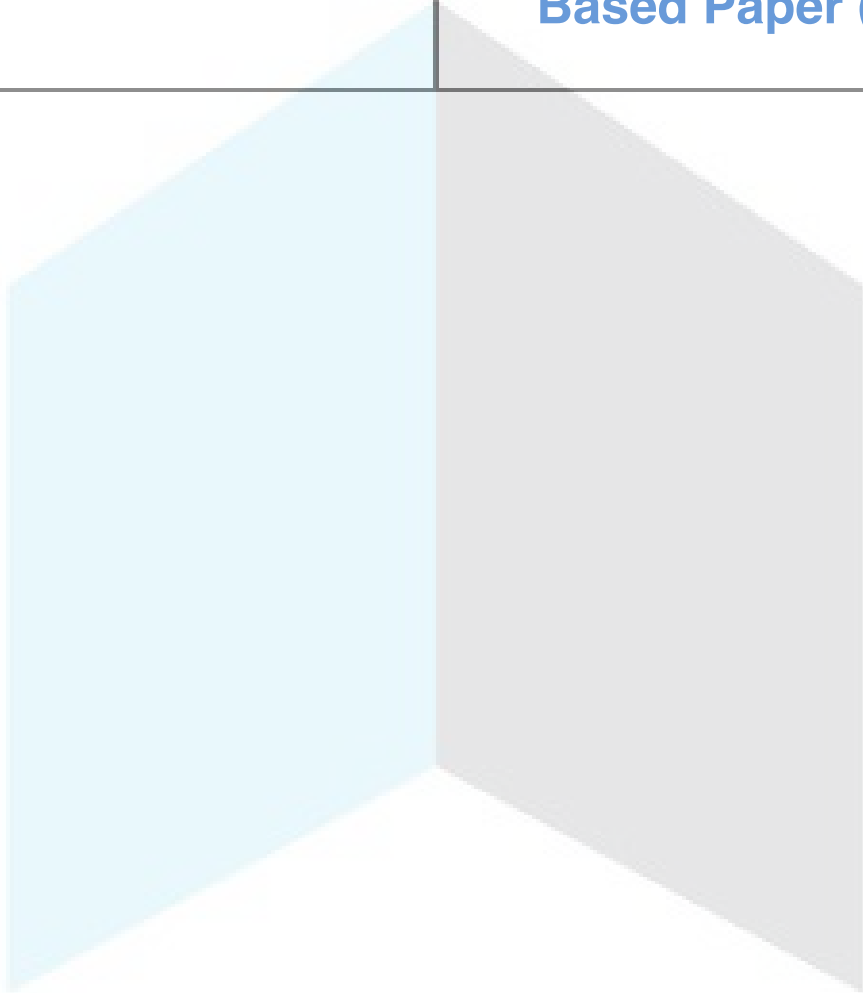


Accenture

**Previous Year Paper
Critical Reasoning and
Problem-Solving Memory
Based Paper (2020)**



18 Questions

Que. 1 A mixture contains 15 kg of rice at Rs. 60 per kg and 25 kg of rice at X per kg are mixed and sold at Rs. 97.5 per kg. The profit earned by the seller is 30%. What will be the value of x?

1. 72
2. 84
3. 80
4. 77

Testbook Solution Correct Option - 2

Que. 2 A pipe can fill a tank in 4 hours, while a leak which is at one-fourth of the height of the tank from bottom can empty upto that part in 2 hours. If both are operated simultaneously and initially the tank is full, then when it will be one-fourth full?

1. 5 hours
2. 6 hours
3. 7.5 hours
4. 8 hours

Testbook Solution Correct Option - 2

Que. 3 The profit earned by selling an article for Rs. 832 is equal to the loss incurred when the same article is sold for Rs. 448. Then the sale price of the article for making 50% profit should be (in rupees)

1. 920
2. 960
3. 1060
4. 1200

Testbook Solution Correct Option - 2

Que. 4 A piggy bank has 12, 5 and 7 coins of Rs. 10, Rs. 5 and Rs. 2 respectively. If 2 coins are drawn at random, then what is the probability that one is Rs. 10 coin and other one is Rs. 5 coin?

1. $\frac{5}{23}$
2. $\frac{4}{23}$
3. $\frac{7}{23}$
4. $\frac{15}{46}$

Testbook Solution Correct Option - 1

Que. 5 In a swimming pool, water and chlorine is mixed in which chlorine is 15% and water is 170 litres, what quantity of chlorine should be added in the swimming pool to make it 32% of the total weight of the swimming pool?

1. 25 litres
2. 60 litres
3. 30 litre

4. 50 litres

Testbook Solution Correct Option - 4

Que. 6 8 men and 2 women together can finish a piece of work in 24 days. In how much time will 40 men and 45 women together complete 1.5 times the work, if the work done by 16 men in 8 hours is equal to the work done by 2 women in 24 hours?

1. 9 days
2. 3 days
3. 6 days
4. 10 days

Testbook Solution Correct Option - 2

Que. 7 Two pipes A and B can fill a tank in 8 hrs and 10 hrs respectively and another pipe C can empty it in 12 hrs. If all the pipes are opened together but pipe B and pipe C are closed $2\frac{1}{2}$ hrs and $4\frac{4}{5}$ hrs before filling the tank, then in how much time take will be completely filled?

1. 6.5 hrs
2. 5.5 hrs
3. 6 hrs
4. 5 hrs

Testbook Solution Correct Option - 3

Que. 8 Gain of 30% is made by selling the article at a certain price. When the selling price is doubled, the gain percentage rises. What is the new gain percentage?

1. 160%
2. 50%
3. 100%
4. 200%

Testbook Solution Correct Option - 1

Que. 9 Consider the given question and decide which of the following statement(s) is/are sufficient to answer the question.

If the sum of selling price and cost price of a watch is Rs. 2200 then find profit.

Statements

1. Man sells the watch at a 20% profit.
2. Ratio of cost price and selling price of watch is 5 : 6.
 1. Either 1 or 2 alone is sufficient to answer the question.
 2. 2 alone is sufficient while 1 alone is not sufficient to answer the question.
 3. 1 alone is sufficient while 2 alone is not sufficient to answer the given question.
 4. Neither 1 nor 2 is sufficient to answer the given question.

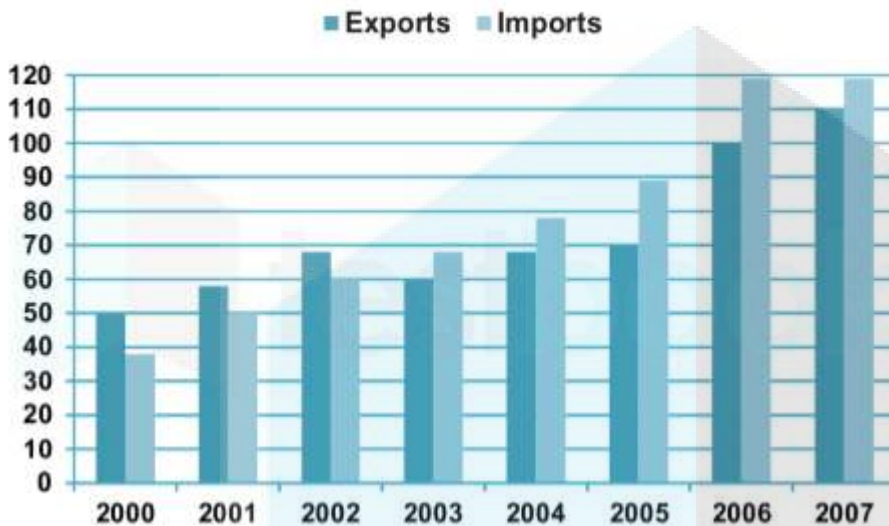
Testbook Solution Correct Option - 1

Que. 10 If α , β , γ are the zeroes of the polynomial $x^3 - 3x^2 - 10x + 24$, then the sum of the reciprocal of the zeroes is :

1. $\frac{-7}{24}$
2. $\frac{5}{12}$
3. $-\frac{3}{4}$
4. $\frac{6}{5}$

Testbook Solution Correct Option - 2

Que. 11 The exports and imports (in crores of Rs.) of a country from 2000 to 2007 are given in the following bar chart. If the trade deficit is defined as excess of imports over exports, in which year is the trade deficit 1/5th of the exports?



1. 2005
2. 2004
3. 2007
4. 2006

Testbook Solution Correct Option - 4

Que. 12 The ratio between the present ages of Vaibhav and Sagar is 5 : 3 respectively. The ratio between Vaibhav's age 4 years ago and Sagar's age 4 years hence is 1 : 1 respectively. What is the respective ratio between Vaibhav's age 4 years hence and Sagar's age 4 years ago?

1. 4 : 1
2. 3 : 1
3. 2 : 1
4. 1 : 3

Testbook Solution Correct Option - 2

Que. 13 Read this statement and state which of the following arguments is/are strong?

Statement: Recently, the Central Government has decided to limit the role of the Film Censor Board to certifying films in various categories.

Argument:

I. The government has an obligation to protect the moral structure of society. One way of discharging this duty is film censorship. The government will step back from its responsibility through this step.

II. In many areas, India is joining specific groups of advanced economies. Like those countries, it should also get rid of archaic practices.

III. The aim of democratic development should also include efforts for individual freedom and it is one of bold decisions that should be encouraged.

1. Only argument I is strong
2. Only argument II is strong
3. Not all arguments I, II and III are strong
4. Only arguments I and II are strong.

Testbook Solution Correct Option - 1

Que. 14 If the ratio of the sums of first p terms and q terms of an arithmetic progression is $p^2 : q^2$, then the ratio of its p^{th} and q^{th} terms is:

1. $(p + 1) : (q + 1)$
2. $p : q$
3. $(2p + 1) : (2q + 1)$
4. $(2p - 1) : (2q - 1)$

Testbook Solution Correct Option - 4

Que. 15 In the question, a statement is given, followed by two arguments, I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given arguments, if any, is a strong argument.

Statement: Should the privatization of every government bank be promoted?

Argument 1: Yes. That would reduce the administrative burden on the government.

Argument 2: No. That would weaken the financial condition of government banks.

1. Only argument 1 is strong.
2. Only argument 2 is strong.
3. Neither argument 1 nor 2 is strong.
4. Both argument 1 and 2 are strong.

Testbook Solution Correct Option - 3

Que. 16 **Directions:** In the question below, a statement and assumptions numbered I and II are given. An assumption is something supposed or taken for granted. You have to consider the following assumption and decide which of the assumption is implicit in the statement.

Statement: "Tomorrow morning the daily review meeting will happen at 1 pm instead of 11 am" said the boss.

Assumptions:

- I. That day boss will arrive at the office only at 1 pm.
 - II. Some of the employees will not be available at 11 am.
1. Only assumption I is implicit
 2. Only assumption II is implicit
 3. Both assumptions I and II are implicit.
 4. Neither assumption I nor assumption II is implicit

Testbook Solution Correct Option - 4

Que. 17 A statement is given followed by two inferences I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given inferences, if any, follow from the given statement.

Statement: Fluency in spoken English is a must have in today's job market, where every firm wants to compete at the international level.

Inferences:

- I. The imposition of language is unfair.
 - II. English is the language that bridges the gap between countries.
1. Only I follows.
 2. Only II follows.
 3. Both I and II follow.
 4. Neither I nor II follows.

Testbook Solution Correct Option - 2

Que. 18 In the question given below is given a statement followed by two assumptions. You have to assume everything in the statement to be true and decide which of the assumption logically follows beyond a reasonable doubt from the information given in the statement.

Statement:

Mother scolding the child said, "If you continue doing naughty things, I will slap you."

Assumptions:

- I. All children are naughty.
 - II. With this warning, child may stop doing mischievous acts.
1. Only assumption I is true
 2. Both assumptions are true
 3. Only assumption II is true
 4. None is true

Testbook Solution Correct Option - 3