

Accenture Practice Questions

Abstract Reasoning

1. Find the missing letters.

RQP, ONM, ____, IHG, FED.

- a) CDE
- b) LKI
- c) **LKJ**
- d) MKL

Solution:

The series is in reverse alphabetical order

D E F G H I J **K L** M N O P Q R

R Q P O N M **L K J** I H G, F E D

JKL are missing. So, the answer is reverse of **JKL = LKJ**

2. If SUN = MOTVRT, how will you code PET?

- a) SUDFQO
- b) TODFUQ
- c) **SUDFOQ**
- d) TODFUQ

Solution: S U N one alphabet gives rise to 2 alphabets. +1 and -1 alphabets.

$N - 1 = M$

$N + 1 = O$

$U - 1 = T$

$U + 1 = V$

$S - 1 = R$

$S + 1 = T$

MOTVRT

PET

$T - 1 = S$

$T + 1 = U$

$E - 1 = D$

$$E + 1 = F$$

$$P - 1 = O$$

$$P + 1 = Q$$

SUDFOQ

3. Find the odd man out.

331, 482, 551, 263, 383, 362, 284

a) 263

b) 383

c) 331

d) 551

Solution: In each number except 383, the product of first and third digits is the middle one.

4. In a coding language, CODE is coded as FEPD. What will be the code for KEYBOARD?

a) ESBPCAEL

b) ESBPCZEL

c) ESBPDAFL

d) ESBPCZFL

Solution: Given that, CODE is coded as FEPD.

The pattern of coding is,

Firstly, the given word is reversed.

C O D E \Rightarrow E D O C

Now, the next letter to each of the letters in the word is written to obtain the coded word.

$$E + 1 = F$$

$$D + 1 = E$$

$$O + 1 = P$$

$$C + 1 = D$$

Code for CODE = FEPD

Similarly, for KEYBOARD:-

K E Y B O A R D \Rightarrow D R A O B Y E K

$$D + 1 = E$$

$$R + 1 = S$$

$$A + 1 = B$$

$$O + 1 = P$$

$$B + 1 = C$$

$$Y + 1 = Z$$

$$E + 1 = F$$

$$K + 1 = L$$

Code for KEYBOARD = **ESBPCZFL**

5. Find the missing term in the following letter series:

ELFA, GLHA, ILJA, ?, MLNA

- a) OLPA
- b) KLMA
- c) LLMA
- d) KLLA

Solution: The second and fourth letters in the series, L and A, are static.

For the first and the third letters, the next letter in the series is given by adding 2 to the previous letter.

(i.e.) From the first term in the series to the second term in the series,

The change in the first letter is: $(E + 2) = G$

The change in the third letter is: $(F + 2) = H$

And this pattern is valid throughout the series.

Therefore, the first letter of the missing term will be $(I + 2) = K$

And the third letter will be $(J + 2) = L$

Hence, the required missing term is KLLA.

6. Find the missing term in the following series:

$$9 : 728 :: 8 : ?$$

- a) 512
- b) 510
- c) 511
- d) 501

Solution: Second term is obtained when cube of first term is subtracted by 1.

7. Find the missing term in the following series:

$$U : X :: ? : M$$

- a) K

- b) M
- c) O
- d) J

Solution: Second letter is obtained when 3 added to first alphabet.

8. Find the missing term in the given series.

2,A,9,B,6,C,13,D,?

- a) 9
- b) 10
- c) 12
- d) 19

Solution:

2,A,9,B,6,C,13,D,X

2,9,6,13,X

2,9,6,13,X

2+4=6

2,9,6,13,X

9+4=13

2,9,6,13,X

6+4=10

9. Find the missing term.

XXX : VVVVV : : YY : ____

- a) ZZZZ
- b) UUUUUU
- c) WWW
- d) UUU

Solution:

The difference between the number of symbols and the position is same i.e.2

Similarly moving from options the difference between the number and position must be same So option UUUUUU

10. Find the odd one out:

- a) 342
- b) 125
- c) 729

- d) 216
- e) 289

Solution: All the numbers except 342 are either a perfect square or a perfect cube.

11. Find the next term in the series.

12, 234, 3456, ____ ?

- a) 35467
- b) 38456
- c) 42395
- d) 45678

Solution: The given series follows a joint pattern as 12, 234, 3456 and hence the next terms should be **45678**.

12. Find the odd man out.

AZ, ZA, XC, UE, QJ, LO

- a) AZ
- b) ZA
- c) QJ
- d) UE
- e) LO

Solution: In the first term AZ, A is the last letter from last and Z is the last letter from first.

In the next term ZA, Z is the first letter from last and A is the first letter from first.

In the next term XC, X is the third letter from last and C is the third letter from first and so on.

The only pair that does not fit into this pattern is UE.

13. Choose the 'ODD' man out: UW, DF, GI, LP.

- a) UW
- b) DF
- c) GI
- d) LP

Solution: In the given example, three terms follow a pattern of a pair of alternate alphabets except for LP. Hence, the odd man out is **LP**.

14. In the following given number series, one term is wrong. Find out the wrong term.

3, 8, 9, -2, -25

- a) 8
- b) 9
- c) -25

d) -2

Explanation:

$$2^2 - 1^3 = 3$$

$$4^2 - 2^3 = 8$$

$$6^2 - 3^3 = 9,$$

$$8^2 - 4^3 = 0, \text{ but in the series it's 0, so -2 is wrong.}$$

$$10^2 - 5^3 = -25$$

15. Complete the following analogy:

$$2 : 0.64 :: 3 : ?$$

a) 729

b) 3.24

c) 2.26

d) 72.9

Solution: First Pair = $2 : 0.64$

first term = 2

second term = $0.64 = 4\% \text{ of } 2^4$

Similarly, in second pair

first term = 3

second term = $4\% \text{ of } 3^4 = 4\% \text{ of } 81 = 3.24$

Critical Reasoning:

1. Directions: Read the following information and answer the questions asked below.

P, Q, R, S, T, U, V, and W are eight friends sitting around a circular table (facing the center). They like exactly one of the following subjects viz., English, Hindi, History, Geography, Physics, Chemistry, Biology and Mathematics (in no particular order). The following points are known about their seating arrangement:

P sits opposite to the person who likes History.

The person who likes Chemistry sits to the immediate right of T.

V is adjacent to S, and the person who likes Physics.

W is to the left of P, and likes English.

Q sits to the immediate left of the person who likes History, and is adjacent to V, who likes Hindi.

R is sitting exactly opposite to S, and is adjacent to U, who likes Geography.

W does not sit next to someone who likes Biology or Hindi.

How many people are sitting between V and W, when counted clockwise?

- a) 0
- b) 1
- c) 2
- d) 4

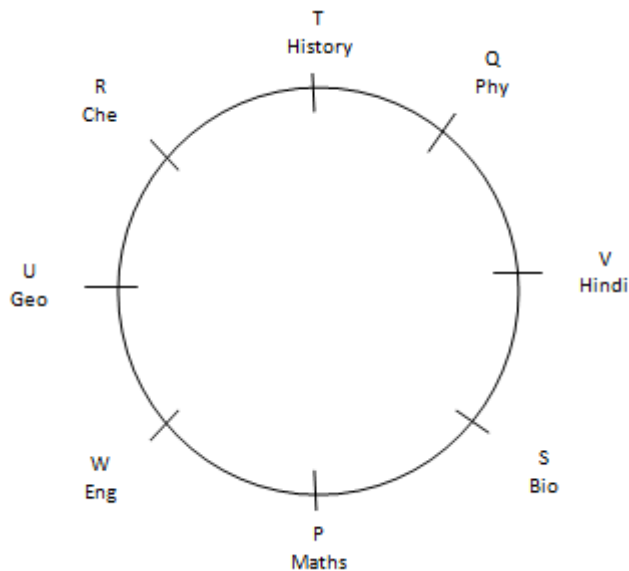
Ans: 2

Which subject does P like?

- a) English
- b) Physics
- c) Mathematics
- d) Chemistry

Ans: Mathematics

Solution: The complete arrangement is



2. In each question below are given two statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Statements :

All rats are cows. No cow is white.

Conclusions :

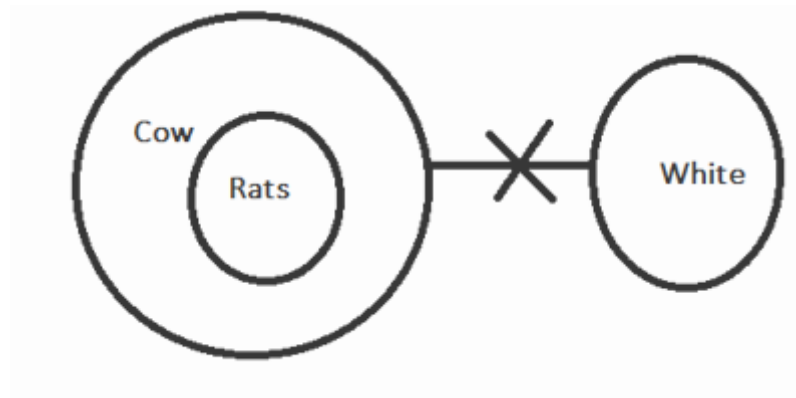
I. No white is rat.

- II. No rat is white.
- III. Some whites are rats.
- IV. All cows are rats.

Options:

- a) None follows
- b) Only IV follows
- c) Only I and II follow**
- d) Only II and IV follow

Solution:



3. Statements:

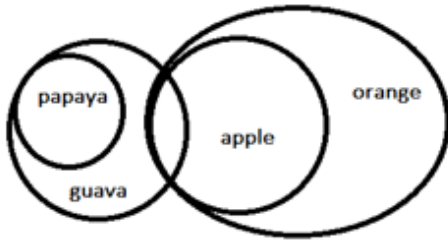
- I. Some apples are guavas.
- II. All apples are oranges.
- III. No orange is a papaya.
- IV. All papayas are guavas.

Conclusions:

- I. Some papayas are apples.
- II. Some oranges are papayas.
- III. Some guavas are oranges.

- a) Only conclusion III follows**
- b) Either conclusion I or conclusion III follows
- c) None follow
- d) Only conclusion I follows

Solution:



4. Read the following argument and mark which of the following assumptions is made in the argument.

More than one billion years' worth of rocks have gone missing from the geologic record of Grand Canyon.

- A. Earth has transitioned from an older setting to the modern one during these one billion years.
- B. None of the mentioned options.
- C. The western half of the Grand Canyon has gone through a very different geologic contortion compared to the eastern half.
- D. Series of Faulting events in that region possibly tore up the earth around the Canyon causing rocks and sediments to wash away in the ocean.

Answer : Option D

Explanation: In a new study, researchers led by Peak identify a likely cause for the missing rocks: the breakup of Earth's ancient supercontinent Rodina approximately 700 million years ago. The upheaval was so violent it likely washed rocks and sediment into the ocean — one billion years' worth, in the case of the Grand Canyon, option D is correct.

5. **Mark the option containing the sentence that strengthens the argument given below.**

Argument :

People generally wear light colour clothes in summer.

- A. They are easy to wash and easy to dry.
- B. Light colour clothes are bad absorber of light.
- C. These light colour clothes are thick and warm.
- D. They are readily and cheaply available in the summer.

Answer : Option B

Explanation: Light colours are poor absorbers of heat , that's the reason People generally wear light colour clothes in summer.

6. **The question given below is followed by two statements numbered I and II. Determine if the statements are, individually or together, sufficient to answer the question. Question: What is the Cost Price of flour?**

Statements:

- I. Kevin mixes flour and sugar in the ratio 3:5 to make pretzels. He sells pretzels at \$10 per kg.
- II. The ratio of price of sugar and flour is 9:4 (per kg) and he earns 66(?) % profit.

- A. Statements I and II together are not sufficient to answer the question asked and additional data to the problem is needed
- B. Each statement alone is sufficient to answer the question
- C. Only one of the statements, alone, is sufficient to answer the question but other statement is not
- D. Both statements I and II together are sufficient to answer the question asked but neither statement alone is sufficient

Answer : Option D

7. Question: What is the code for 'is' in the code language?

Statements:

- 1. In the code language, 'shi tu ke' means 'pen is blue'.
 - 2. In the same code language, 'ke si re' means 'this is wonderful'.
- a) I alone is sufficient while II alone is not sufficient
 - b) II alone is sufficient while I alone is not sufficient
 - c) Either I or II is sufficient
 - d) Neither I nor II is sufficient
 - e) **Both I and II are sufficient**

Explanation: In I and II, the common word is 'is' and the common code word is 'ke'. So, 'ke' is the code for 'is'.

8. In a class there are seven students (including boys and girls) A, B, C, D, E, F and G. They sit on three benches I, II and III. Such that at least two students on each bench and at least one girl on each bench. C who is a girl student, does not sit with A, E and D. F the boy student sits with only B. A sits on the bench I with his best friends. G sits on the bench III. E is the brother of C.

1. How many girls are there out of these 7 students ?

- a) 3
- b) **3 or 4**
- c) 4
- d) Data inadequate

2. Which of the following is the group of girls ?

- a) BAC
- b) BFC
- c) **BCD**
- d) CDF

3. Who sits with C ?

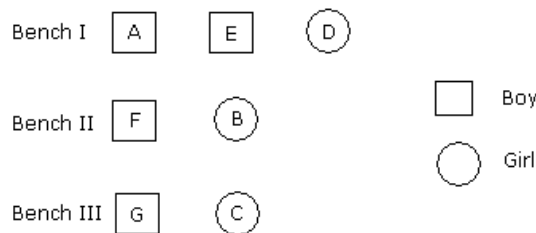
- a) B
- b) D
- c) **G**
- d) E

4. On which bench there are three students?

- a) **Bench I**
- b) Bench II
- c) Bench III
- d) Bench I or II

Explanation:

The final arrangement is:



9. There are 8 houses in a line and in each house only one boy lives with the conditions as given below:

1. Jack is not the neighbor Siman.
2. Harry is just next to the left of Larry.
3. There is at least one to the left of Larry.
4. Paul lives in one of the two houses in the middle.
5. Mike lives in between Paul and Larry.

If at least one lives to the right of Robert and Harry is not between Taud and Larry, then which one of the following statement is not correct ?

- a) Robert is not at the left end.
- b) Robert is in between Simon and Taud.
- c) **Taud is in between Paul and Jack.**
- d) There are three persons to the right of Paul.

10. **Question:** On which day in April is Gautam's birthday?

Statements:

1. Gautam was born exactly 28 years after his mother was born.
2. His mother will be 55 years 4 months and 5 days on August 18 this year.

- a) I alone is sufficient while II alone is not sufficient
- b) II alone is sufficient while I alone is not sufficient
- c) Either I or II is sufficient
- d) Neither I nor II is sufficient
- e) **Both I and II are sufficient**

Solution: Clearly, the birthday of Gautam's mother can be found out from II and then Gautam's birthday can be determined using the fact given in I.

English Ability

1. Choose the most appropriate option that best completes the given sentence.

A well worded & concise letter must be sent with _____ to enable the publisher to have a glimpse of the manuscript.

- a) paper
- b) letter head
- c) **manuscript**
- d) address

2. Identify the part of the sentence which has errors.

I laughed and teased her further(A)/. 'Do you have a problem(B)/ with me reading it or(C)/ my staring to the wrong place?'(D)

- a) A
- b) B
- c) C
- d) **D**

Solution: It should be "my staring at the wrong place?"

3. Choose a grammatically and logically correct alternative to replace the words or phrase that are underlined and are in bold.

The president called out to his people to see if they make sacrifices for the good of their country.

- A. Called on his people to see if they make sacrifices for the good
- B. Called upon his people to see and make sacrifices for the good
- C. Called upon his people to make sacrifices for the good
- D. Called for his people to make sacrifices for the good

Answer : Option A

Explanation: The phrasal verbs play a key role here,

Called out – summon someone to deal with an emergency or to criticize

Called on– request

Called upon– ask or demand

Called for– demand

Called on can be the right phrasal verb to be used, since it gives the meaning of request and the presidents is checking to see IF PEOPLE MAKE SACRIFICE. So, it is not a demand or summon.

4. Identify the right term of expression in the following sentences.

A. Aviation insiders say that airlines that still make the pilots pay to their training will increasingly find it difficult to fill their vacancies.

B. Aviation insiders say that airlines that still make the pilots pay for their training will increasingly find it difficult to fill their vacancies.

C. Aviation insiders are saying that airlines who still make the pilots pay with their training will increasingly find it difficult in filling up their vacancies.

D. Aviation insiders claim that airlines that still are making the pilots paying to their training will largely find it difficult to fill their vacancies.

Answer : Option B

Explanation: Pilots are paying for training.

Pay to someone will be the right usage.

Pay with something will be the right usage.

So, pay for is the right phrasal verb.

5. Fill in the blank with a grammatically and logically correct alternative.

Jean ran into her old classmate _____ car in club.

A. while she parks

B. as she was parking her

C. when she parking

D. as soon as she parks

Answer : Option B

Explanation: Ran into means meet unexpectedly

Jean met her old classmate while she was parking her car in club.

6. Choose a grammatically and logically correct alternative to replace the words or phrase that are underlined and are in bold.

Many might argue that women have a keen eye on detail, and are far more systematic with their investment plans.

A. Keen eye in

- B. Keen eye for
 - C. Keen eye at
 - D. Keen eye to
- Answer : Option B

Explanation: Keen eye on detail, simply means keen eye for some information on something or on someone.

7. Select the SYNONYM of the given word from the following options.

Proliferation

- A. Growth
 - B. Promise
 - C. Reduce
 - D. Deflate
- Answer : Option A

Explanation: Proliferation means to grow rapidly.

So, growth is the best fit here.

8. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no' correction 'required' if the sentence is correct as given. (The transit of the Planet of Love happen in pairs), eight years apart every century.

- A. The transits of the Planet of Love happens at pairs
 - B. The transit of the Planet of Love happen in pairs
 - C. The tranists of the Planet of Love happen in pairs
 - D. No correction required
- Answer : Option A

Explanation: Planet of love = Venus.

Venus, the subject is singular, hence, the verb also must be a singular, which is happens.

So, option A is the right sentence, since it is following the subject verb agreement.

9. Read the passage carefully and choose the best answer to each question out of the four alternatives

Although there is a great deal of variation within each gender, on the average, men and women discuss a surprisingly different range of topics. According to some studies, women and men ranging in age from seventeen to eighty described the range of topics each discussed with friends of the same sex. Certain topics were common to both men and women; work, movies, and television proved to be frequent topics for both groups. The differences between men and women were more striking than the similarities. Female friends spent much more time discussing personal and domestic subjects,

relationship problems, family, health and reproductive matters, weight, food and clothing. Men, on the other hand, were more likely to discuss music, current events, sports and business. Women were more likely to gossip about close friends and family. By contrast, men spent more time gossiping about sports figures and media personalities. These differences can lead to frustration when men and women try to converse with one another.

According to the passage, which of the following option is incorrect? Choose one option.

- A. Topics like work, movies and television are both common topics between men and women.
- B. Women like to gossip while men do not.
- C. Men are more inclined towards topics, like current affairs, sports and business.
- D. Men and women discuss a surprisingly different range of topics.

Answer : Option B

Explanation: Women were more likely to gossip about close friends and family. By contrast, men spent more time gossiping about sports figures and media personalities

In this point, the author did not mention. That men do not gossip. Men do gossip, but about other things. But given option B is men do not gossip at all. Which is incorrect.

10. Read the passage carefully and choose the best answer to each question out of the four alternatives

Although there is a great deal of variation within each gender, on the average, men and women discuss a surprisingly different range of topics. According to some studies, women and men ranging in age from seventeen to eighty described the range of topics each discussed with friends of the same sex. Certain topics were common to both men and women; work, movies, and television proved to be frequent topics for both groups. The differences between men and women were more striking than the similarities. Female friends spent much more time discussing personal and domestic subjects, relationship problems, family, health and reproductive matters, weight, food and clothing. Men, on the other hand, were more likely to discuss music, current events, sports and business. Women were more likely to gossip about close friends and family. By contrast, men spent more time gossiping about sports figures and media personalities. These differences can lead to frustration when men and women try to converse with one another.

According to the passage, after what age does the range of topics, that each gender finds interesting, starts to differ?

- A. 17
- B. 22
- C. 43
- D. 50

Answer : Option A

Explanation: The 3rd line in the passage says, from the age of 17 years, the range of topics that each gender finds interesting, start to differ.

11. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.

Hong Kong has been endowed with one of the finest natural harbour in the world.

- A. No Error
- B. harbour in the world.
- C. with one of the finest natural
- D. Hong Kong has been endowed

Answer : Option B

Explanation: It should be, One of the finest harbours. "One of" must always have a plural word, which gives a meaning of "one of many". Hence the sentence that has error is option B.

12. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no' correction 'required' if the sentence is correct as given. (This bridge neither crossed the Thames, and neither gave) access to a now lost island in the river.

- A. This bridge either crossed the Thames, and nor gave
- B. This bridge neither crossed the Thames, and nor gives
- C. No correction required
- D. This bridge either crossed the Thames, or gave

Answer : Option D

Explanation: Neither nor – describes none of the two.

Either or – describes any one of the two.

Since the bridge gives a cross way or gives connection, the sentence should be - This bridge either crossed the Thames, or gave access to a now lost island in the river.

13. Fill in the blank with the most appropriate choice Those unfamiliar with the saga are bound to be mystified by the more _____ plot twists.

- A. arcane
- B. aesthetic
- C. arbitrary
- D. anoint

Answer : Option A

Explanation: Arcane – mysterious

Aesthetic-decorative

Arbitrary-random choice

Anoint-to put oil or water on somebody's head as part of a religious ceremony

Since the word is describing about the word plot twists, mysterious fits the best.

14. Fill in the blank with the most appropriate choice.

Foetal _____ screening uses ultrasound scanning to find certain abnormalities in the baby.

- A. enfevering
- B. anomaly
- C. abeyance
- D. snuggle

Answer : Option B

Explanation: Enfevering- to cause fever

Anomaly- irregularity

Abeyance- suspension

Snuggle- to move close to someone.

Since the scanning is to find the abnormalities, Foetal irregularity screening uses ultrasound scanning is the right sentence. So, answer is option B.

15. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.

Jane was asked by her (aunt, "Where were you last night".)

- A. aunt that, "Where were you last night?"
- B. No correction required
- C. aunt, "Where had you been you last night."
- D. aunt, "Where were you last night?"

Answer : Option D

Explanation: Since Jane was questioned by her aunt, there should be a question mark and the end of the sentence.