# AFCAT 2015 Question Paper [Sample Paper] Fully Solved by SSBCrack.com 



## Read the following passage carefully and answer the questions given below it.

Piccadilly Circus was full of loneliness.It seethes and echoes with it. To live near it. Looking down on it is a discomforting exercise. You can't feel the pulse of London here, though people expect to. To Londoners it is a maddening obstruction between one place and another, and few voluntarily linger there. The only locals are those who live off the lingerers; the lingerers are primarily sightseers, with a fair sprinkling of people hoping to draw attention to themselves - both typically from the provinces. They have come to see the heart of London and expect to see spectacle, glamour and vice.?

1. Piccadilly circus is
A. the name of a circus company
B. a lonely and resounding old building
C. a centrally located area in London
D. a huge heap of ruins
2. The passage implies that
A. some Londoners love to spend their time near the Piccadilly circus
B. no Londoner wants to be in Piccadilly circus
C. Piccadilly circus is a hazardous place
D. Piccadilly circus is place of vice
3. According to this passage, people from outside London go to Piccadilly circus because it is
A. a historical place
B. full of glamour
C. full of exciting people
D. the pulse of London
4. For those who live near Piccadilly circus, it is
A. a very noisy place
B. crowded with people
C. an obstruction to traffic
D. an awkward structure
5. The lingerers found in Piccadilly circus are mainly
A. the citizens of London
B. sightseers from provincial areas of Britain
C. people who want to show off
D. local idlers

In each of the following questions, fin out wich part of
In each of the following questions, fin out $w_{\text {, }}$ jch part of the sentence has an error. If there is no mistake, the answer is (d) "No er O1's

1. (solve as per the direction given above)
A. We discussed about the problem so thoroughly
B. on the eve of the examination
C. that I found it very easy to work it out.
D. No error.
2. (solve as per the direction given above)
A. An Indian ship
B. laden with merchandise
C. got drowned in the Pacific Ocean.
D. No error.
3. (solve as per the direction given above)
A. I could not put up in a hotel
B. because the boarding and lodging charges
C. were exorbitant.
D. No error.
4. (solve as per the direction given above)
A. The Indian radio
B. which was previously controlled by the British rulers
C. is free now from the narrow vested interests.
D. No error.

5. (solve as per the direction given above)
A. If I had known
B. this yesterday
C. I will have helped him.
D. No error.

Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

1. Fate smiles $\qquad$ those who untiringly grapple with stark realities of life.
A. with
B. over
C. on
D. round
2. The miser gazed ...... at the pile of gold coins in front of him.
A. avidly
B. admiringly
C. thoughtfully
D. earnestly
3. Catching the earlier train will give us the $\qquad$ to do some shopping.
A. chance
B. luck
C. possibility
D. occasion
4. I saw a ...... of cows in the field.
A. group
B. herd
C. swarm
D. flock
5. The grapes are now $\qquad$ enough to be picked.
A. ready $\square$ B. mature
C. ripe
D. advanced

In each of the following crose the word most similar in meaning to the word given in capitals.

1. CORPULENT
A. Lean
B. Gaunt
C. Emaciated
D. Obese
2. BRIEF
A. Limited
B. Small
C. Little
D. Short
3. EMBEZZLE
A. Misappropriate
B. Balance
C. Remunerate
D. Clear

Pick out the word that is most nearly the opposite in meaning to the word given in capitals.

1. ENORMOUS
A. Soft
B. Average
C. Tiny
D. Weak

2. COMMISSIONED
A. Started
B. Closed
C. Finished

3. EXODUS
A. Influx
C. Return
B. Home-coming
D. Restoration

Choose the correct answer.

## General Awareness

1. In which year of First World War Germany declared war on Russia and France?
A. 1914
B. 1915
C. 1916
D. 1917
2. ICAO stands for
A. International Civil Aviation Organization
B. Indian Corporation of Agriculture Organization
C. Institute of Company of Accounts Organization
D. None of the above
3. India's first Technicolor film $\qquad$ in the early 1950s was produced by $\qquad$
A. 'Jhansi Ki Rani', Sohrab Modi
B. 'Jhansi Ki Rani', Sir Syed Ahmed
C. 'Mirza Ghalib', Sohrab Modi
D. 'Mirza Ghalib', Munshi Premchand
4. India has largest deposits of $\qquad$ in the world.
A. gold
B. copper
C. mica
D. None of the above
5. How many Lok Sabha seats belong to Rajasthan?
A. 32
B. 25
C. 30
D. 17
6. Squadron leader Rakesh Sharma was India's first man to go into space. He was $\qquad$ cosmonaut to be in space in the world.
A. 12th
B. 107th
C. 139th
D. 151st
7. Philology is the
A. study of bones
B. study of muscles
C. study of architecture
D. science of languages
8. Study of life in outer space is known as

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A. endbiology
B. exobiology
C. enterbiology

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D. ${ }^{\text {I/ }}$ neobiology
9. School of Aviation Medicine (Air Force) is located at
A. Allahabad
B. Hyderabad
C. Bangalore
D. Jalahalli
10. Sir Thomas Fearnley Cup is awarded to
A. a club or a local sport association for remarkable achievements
B. amateur athlete, not necessarily an Olympian
C. National Olympic Committee for outstanding work
D. None of the above
11. Pythagoras was first to the universal validity of geometrical theorem.
A. give
B. prove
C. both
D. None of the above
12. Soil acidity is generally corrected by
A. proper irrigation
B. adding sodium hydroxide
C. liming
D. application of fertilizers

## Numerical Ability

1. Evaluate : $\frac{(2.39)^{2}-(1.61)^{2}}{2.39-1.61}$
A. 2
C. 6

$1 /$
B. 4
D. 8
2. The value of $\frac{0.1 \times 0.1 \times 0.1+0.02 \times 0.02 \times 0.02}{0.2 \times 0.2 \times 0.2+0.04 \times 0.04 \times 0.04}$ is:
A. 0.0125
B. $\quad 0.125$
C. $\quad 0.25$
D. 0.5
3. If $2994 \div 14.5=172$, then $29.94 \div 1.45=$ ?
A. 0.172
B. $\quad 1.72$
C. $\quad 17.2$
D. 172
4. If $a-b=3$ and $a^{2}+b^{2}=29$, find the value of $a b$.
A. 10
B. $\quad 12$
C. 15
D. 18
5. The price of 2 sarees and 4 shirts is Rs. 1600 . With the same money one can buy 1 saree and 6 shirts. If one wants to buy 12 shirts, how much shall he have to pay ?
A. Rs. 1200
B. Rs. 2400
C. Rs. 4800
D. Cannot be determined
E. None of these
6. 

A sum of Rs. 1360 has been divided among A, B and C such that $A$ gets $\frac{2}{3}$ of what $B$ gets and $B$ gets $\frac{1}{4}$ of what C gets. B's share is:
A. Rs. 120
B. Rs. 160
C. Rs. 240

$\square$
C. Rs. 8.50
D. Rs. 9
10. In Arun's opinion, his weight is greater than 65 kg but less than 72 kg . His brother doest not agree with Arun and he thinks that Arun's weight is greater than 60 kg but less than 70 kg . His mother's view is that his weight cannot be greater than 68 kg . If all are them are correct in their estimation, what is the average of different probable weights of Arun?
A. $\quad 67 \mathrm{~kg}$.
B. $\quad 68 \mathrm{~kg}$.
C. $\quad 69 \mathrm{~kg}$.
D. Data inadequate
E. None of these
11. On selling 17 balls at Rs. 720 , there is a loss equal to the cost price of 5 balls. The cost price of a ball is:
A. Rs. 45
B. Rs. 50
C. Rs. 55

12. When a plot is sold for Rs. 18,700 , the owner loses $15 \%$. At what price must that plot be sold in order to gain $15 \%$ ?
A. Rs. 21,000
B. Rs. 22,500
C. Rs. 25,300
D. Rs. 25,800
13. What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit?
A. 1
B. 14
C. 20
D. 21
14. Two numbers are respectively $20 \%$ and $50 \%$ more than a third number. The ratio of the two numbers is:
A. $2: 5$
B. $3: 5$
C. $4: 5$
D. $6: 7$
15. A sum of money is to be distributed among $A, B, C, D$ in the proportion of $5: 2: 4: 3$. If $C$ gets Rs. 1000 more than D, what is B's share?
A. Rs. 500
B. Rs. 1500
C. Rs. 2000
D. None of these
16. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:
A. Rs. 650
B. Rs. 690
C. Rs. 698
D. Rs. 700

## Reasoning and Aptitude Tests

This is a test of your ability to understand words. Fer each querron in the test there are four possible answers: A, B, C, or D. There is only one correct answe wach question. Read each question carefully and decide which one of the four answer is theyest one. Mark your answer on the answer sheet by blacking out the letter that corresponds your choice.

1. Odometer is to mileage as compass is to
A. speed
B. hiking
C. needle
D. direction

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2. Marathon is to race as hibernation is to
A. winter
B. bear
C. dream
D. sleep
3. Window is to pane as book is to
A. novel
B. glass
C. cover
D. page

## Analogy

In each of the following questions, certain pairs of words are given, out of which the words in all pairs except one, bear a certain common relationship. Choose the pair in which the words are differently related.

1. Choose the pair in which the words are differently related from the rest.
A. Shirt : Dress
B. Boy : Girl
C. Mango: Fruit
D. Table: Furniture
2. Choose the pair in which the words are differently related from the rest.
A. Scalpel : Surgeon
B. Chisel : Soldier
C. Awl : Cobbler
D. Knife : Chef
3. Choose the pair in which the words are differently related from the rest.
A. Tree: Stem
B. Face : Eye
C. Chair : Sofa
D. Plant: Flower

## Spatial Ability

In each of the following problems, a square transparent sheet $(X)$ with a pattern is given. Figure out from amongst the four alternatives as to how the patter would appear when the transparent sheet is folded at the dotted line.

1. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

(X)

(1)

(2)

(3)

(4)
A. 1
C. 3

2. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

(X)

(1)

(2)

(3)

(4)
A. 1
B. 2
C. 3
D. 4
3. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

(X)

(1)

(2)

(3)

(4)
A. 1
B. 2
C. 3
D. 4

## HIDDEN FIGURES

In each of the following questions, you are given a figure $(\mathrm{X})$ followed by four alternative figures (1), (2), (3) and (4) such that figure ( $X$ ) is embedded in one of them. Trace out the alternative figure which contains fig. $(\mathrm{X})$ as its part.

1. Find out the alternative figure which contains figure $(X)$ as its part.

(X)

(1)

(2)
(3)

(4)
A. 1
C. 3

2. Find out the alternative figure which contains figure $(X)$ as its part.

A. 1
B. 2
C. 3
D. 4
3. Find out the alternative figure which contains figure $(X)$ as its part.


(1)
(2)
(3)
(4)
A. 1
B. 2

## C. 3

D. 4

The sheet of paper shown in the figure ( X ) given on the left hand side, in each problem, is folded to form a box. Choose from amongst the alternatives (1), (2), (3) and (4), the boxes that are similar to the box that will be formed.

1. Choose the box that is similar to the box formed from the given sheet of paper (X).

(X)

(1)

(2)

(3)

(4)
A. 1 and 2 only
B. 2 and 4 only
C. 2 and 3 only
D. 1 and 4 only

2. Choose the box that is similar to the box formed from the given sheet of paper (X).

(X)

(1)

(2)

(3)

(4)
A. 1 and 4 only
B. 3 and 4 only
C. 1 and 2 only
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D. 2 and 3 only
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3. How many dots lie opposite to the face having three dots, when the given figure is folded to form a cube?

A. 2
B. 4
C. 5
D. 6

