

Reasoning & Military Aptitude PDF for AFCAT 1 2023

Directions (1-10): In the following questions, select the related word/number from the given alternative

Q1. Train : Track :: ? : ?

- (a) Car : Four wheeler
- (b) Aeroplane : Fly
- (c) Truck : Road
- (d) Car : Speed

Q2. 53 : 35 :: ? : ?

- (a) 37 : 73
- (b) 42 : 22
- (c) 16 : 62
- (d) 54 : 43

Q3. 13 : 167 :: 23 : ?

- (a) 527
- (b) 525
- (c) 531
- (d) 532

Q4. Pascal : Pressure :: ? : ?

- (a) Hectare : Volume
- (b) Speed : Temperature
- (c) Joule : Work
- (d) Time : Seconds

Q5. 563 : 635 :: 894 : ?

- (a) 849
- (b) 489
- (c) 498
- (d) 948

Q6. Current : Ampere :: ? : ?

- (a) Air : Kilogram
- (b) Work : Joule
- (c) Pressure : Speed
- (d) Temperature : Metre

Q7. Empty : Full :: Awkward : ?

- (a) Graceful
- (b) Clumsy
- (c) Helpful
- (d) Hollow

Q8. Foot : Toe :: Face : ?

- (a) Finger
- (b) Toenail
- (c) Nose
- (d) Arm

Q9. Needle : Sew :: Shield : ?

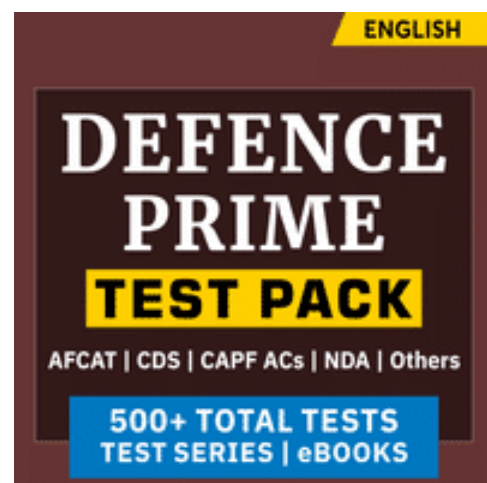
- (a) Carry
- (b) Protect
- (c) Hold
- (d) Point

Q10. Crocodile : Reptile :: Swallow : ?

- (a) Bird
- (b) Vehicle
- (c) Animal
- (d) Technology

Q11. In the following question, select the odd word pair from the given alternatives.

- (a) Reptile – Lizard
- (b) Mammal – Deer
- (c) Mammal – Elephant
- (d) Rodent – Rabbit



Q12. In the following question, select the odd word pair from the given alternatives.

- (a) Carnivorous – Tiger
- (b) Herbivorous – Cow
- (c) Rabbit – Herbivorous
- (d) Omnivorous – Dog

Q13. In the following question, select the odd word pair from the given alternatives.

- (a) Square – Four
- (b) Rectangle – Three
- (c) Pentagon – Five
- (d) Triangle – Three

Q14. In the following question, select the odd word from the given alternatives.

- (a) Car
- (b) Cycle
- (c) Truck
- (d) Tyre

Q15. In the following question, select the odd word pair from the given alternatives.

- (a) Sister - Brother
- (b) Son - Friend
- (c) Father – Daughter
- (d) Mother – Son

Q16. In the following question, select the odd word from the given alternatives.

- (a) Teacher
- (b) Justice
- (c) Lawyer
- (d) Chef

Q17. In the following question, select the odd word from the given alternatives.

- (a) Fish
- (b) Cat
- (c) Rat
- (d) Cow

Q18. In the following question, select the odd word from the given alternatives.

- (a) Crocodile
- (b) Rat
- (c) Snake
- (d) Lizard

Q19. Find the odd-one out from

- (a) Colonel
- (b) Commodore
- (c) Major
- (d) Brigadier

Q20. Select the odd:

- (a) Brass
- (b) Bronze
- (c) Silver
- (d) Steel

Q21. Wind : Hurricane

- (a) Clouds: Rain
- (b) Sky : Universe
- (c) Thunder : Lighting
- (d) Water: Life

Q22. Find the number that not forms the group.

- (a) 175
- (b) 385
- (c) 495
- (d) 572

Q23. Find the number that not forms the group.

- (a) 3256
- (b) 5643
- (c) 6424
- (d) 7424

Q24. Find the number that not forms the group.

- (a) 173
- (b) 263
- (c) 284
- (d) 362

Q25. Find the number that not forms the group.

- (a) 3229
- (b) 4127
- (c) 5218
- (d) 7018

Q26. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

- (a) Clutch
- (b) Wheel
- (c) Break
- (d) Car

Q27. Banana is related to Fruit in same way as Chrysanthemum is related to :

- (a) Fruit
- (b) Stem
- (c) Flower
- (d) Root

Q28. HOSPITAL is related to TREATMENT in the same way SCHOOL is related to :

- (a) Education
- (b) Student
- (c) Teacher
- (d) Books

Q29. Each of the following five are alike in certain way so form a group. Which of the following does not belong to that group?

- (a) Cloth
- (b) Trouser
- (c) Jacket
- (d) Shirt

Q30. Gravity is related to pull in the same way as Magnetism is related to :

- (a) Repulsion
- (b) Separation
- (c) Attraction
- (d) Push

SOLUTIONS

S1. Ans.(c)

Sol. Train runs on Track and Truck runs on road.

S2. Ans.(a)

Sol. Digits are interchanged.

S3. Ans.(a)

Sol. $13^2 - 2 = 167$

$23^2 - 2 = 527$

S4. Ans.(c)

Sol. Pascal is the unit of pressure
Joule is the unit of work.

S5. Ans.(d)

Sol.



S6. Ans.(b)

Sol. Ampere is the unit of current and Joule is the unit of work.

S7. Ans.(a)

Sol. Empty and full are antonyms.
Similarly, Graceful is antonym of Awkward.



S8. Ans.(c)

Sol. Toe is a part of Foot. Similarly, Nose is a part of Face.

S9. Ans.(b)

Sol. Needle is used to sew. Similarly, Shield is used to protect.

S10. Ans.(a)

Sol. Crocodile is a reptile. Similarly, Swallow is a type of bird.

S11. Ans.(d)

Sol. Rabbit is not a rodent.

S12. Ans.(c)

Sol. 1st is the type and 2nd part is the name of the animal

S13. Ans.(b)

Sol. Rectangle have 4 sides.

S14. Ans.(d)

Sol. Tyre is a part of all the given vehicles.

S15. Ans.(b)

Sol. Son-friend may not belong to same family.

S16. Ans.(b)

Sol. Justice is not a person, Judge will be correct one.

S17. Ans.(a)

Sol. Fish is an aquatic animal.

S18. Ans.(b)

Sol. Rat is not a reptile.

S19. Ans.(b)

Sol. Colonel, Major, Brigadier are Army ranks whereas Commodore is a naval rank.

S20. Ans.(c)

Sol. Brass, Bronze and Steel are alloys whereas Silver is a metal.

S21. Ans.(a)

Sol. Strong Winds bring hurricane in same way thick Clouds brings Rain.

S22. Ans.(d)

Sol. Except 572, all other are divisible by 5.

S23. Ans.(b)

Sol. 5643 is the only odd number in the group.

S24. Ans.(a)

Sol. Except 173, all the others are middle digit and is the multiple of first digit and last digit.

S25. Ans.(b)

Sol. Except 4127, Sum of all digits of the number gives 16.

S26. Ans.(d)

Sol. Except Car, all others are part of Car.



S27. Ans.(c)

Sol. Banana is Fruit in same way, Chrysanthemum is Flower.

S28. Ans.(a)

Sol. HOSPITAL is related to TREATMENT in the same way SCHOOL is related to EDUCATION. Hospitals provides treatment to Patient in same way Schools give education to Students

S29. Ans.(a)

Sol. Trouser, Jacket, shirt and T-shirt are the individual cloth but Cloth is collection of these all.

S30. Ans.(c)

Sol. Gravity is related to pull in same way Magnetism is related to Attraction.

