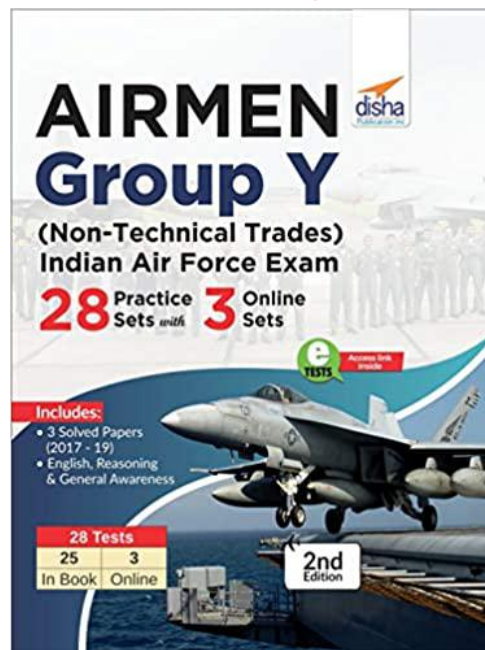


Practice Set for Airmen Group -Y

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PRACTICE SET

1

ENGLISH LANGUAGE

- Find the meaning of the given word.
Luxuriant
(a) Luxury loving (b) Lovely
(c) Rich (d) Abundant
- Find the word opposite in meaning to the given word.
Florid
(a) Weak (b) Pale
(c) Monotonous (d) Ugly

DIRECTIONS (Qs. 3-7) : Find the correct alternative out of the four.

- The hotel was not too expensive, _____
(a) was it ? (b) wasn't it ?
(c) is it ? (d) isn't it ?
- Like humans, zoo animals must have a dentist _____ their teeth.
(a) fill (b) filled
(c) filling (d) to be filled
- It was very kind of you to do the washing-up, but you _____ it.
(a) didn't have to do (b) hadn't to do
(c) mightn't have done (d) mustn't have done
- He went _____ sea alone.
(a) in (b) to
(c) into (d) on
- The _____ of our civilization from an agricultural society to today's complex industrial world was accompanied by war.
(a) adjustment (b) migration
(c) route (d) metamorphosis

DIRECTIONS (Qs. 8-9) : Find out which part of a sentence has an error. The number of that part is your answer. If there is no error, Your answer is (d) i.e., No error.

- He is a university professor (a)/ but of his three sons (b)/ neither has any merit. (c)/ No error (d)

- After knowing truth, (a)/ they took the right decision (b)/ in the matter. (c)/ No error (d)

DIRECTIONS (Qs. 10-11): Find the one which can be substituted for the given words/sentence.

- An underhand device resorted to in order to justify misconduct
(a) Subterfuge (b) Manoeuvre
(c) Stratagem (d) Complicity
- Impossible to describe
(a) Miraculous (b) Ineffable
(c) Stupendous (d) Appalling
- Find the correctly spelt word.
(a) collaborate (b) comemorate
(c) colate (d) choclote
- Find the alternative which best expresses the meaning of the Idiom/Phrase.
A bolt from the blue
(a) a delayed event
(b) an inexplicable event
(c) an unexpected event
(d) an unpleasant event
- Change the voice
India won the match.
(a) The match had been won by India.
(b) The match was won by India.
(c) The match were won by India.
(d) None of the above.
- Identify the indirect speech
She says, "Reema comes late".
(a) She said that Reema comes late.
(b) She says that Reema comes late.
(c) She says that Reema came late.
(d) She says that Reema was coming late.

DIRECTIONS (16-18): Read the following passage carefully and choose the best answer to each question out of the four given alternatives.

On a surface which is free from obstacles, such as a clear road or path, only two or three species of snakes can hope to catch up with a human being, even if they are foolish to try. A snake seems to move very fast but its movements are deceptive. In spite to the swift, wave-like motions of its body, the snake crawls along the ground at no more than the speed of a man's walk. It may, however, have an advantage inside a jungle, where the progress of a man is obstructed by thorny bushes. But in such places, the footsteps of a man are usually more than enough to warn snakes to keep away. Although they have no ears of the usual kind, they can feel slight vibrations of the ground through their bodies, and thus get an early warning of danger.

16. What is deceptive about the snake is its
(a) speed (b) crawling
(c) sense of direction (d) movement
17. The snake has an advantage over men inside a jungle, because there
(a) it can crawl faster
(b) man's movement is obstructed
(c) it is dark (d) it gets warning
18. What helps snakes to receive advance warning is their sensitivity to
(a) light (b) smell
(c) darkness (d) movements
19. Form an adjective from the given word Hero
(a) The hero (b) Heroes
(c) Heroic (d) Heroism
20. Give the plural of the given word Bacterium
(a) Bacterias (b) Bacteria
(c) Bactrias (d) Bacteriums

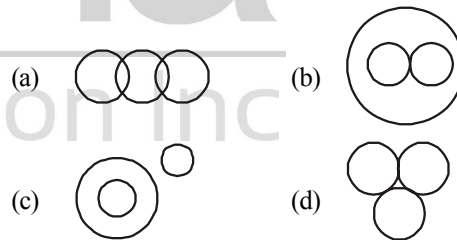
REASONING & GENERAL AWARENESS

21. Arrange the following words as per order in the dictionary.
1. Dyke 2. Dwindle 3. Dwell 4. Dye
(a) 3,2,4,1 (b) 1,3,4,2
(c) 2,1,3,4 (d) 3,4,2,1

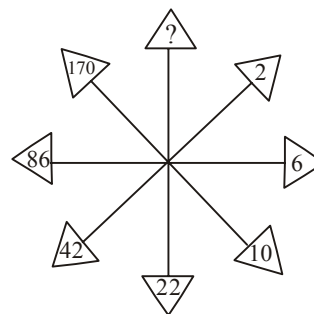
DIRECTIONS (Qs. 22): In question, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

22. CGJ, KOR, TXA, ____?
(a) ACE (b) JDP
(c) FJM (d) UWY

23. Find the wrong number in the series.
28 33 31 36 34 29
(a) 33 (b) 36
(c) 34 (d) 29
24. In a class of 45 students, a boy is ranked 20th. When two boys joined, his rank was dropped by one. What is his new rank from the end?
(a) 25th (b) 26th
(c) 27th (d) 28th
25. Introducing a girl, Ram said to his son-in-law. "Her brother is the only son of my brother-in-law." Who is the girl of Ram?
(a) Sister-in-law (b) Niece
(c) Daughter (d) Sister
26. From the given alternative words, select the word which can be formed using the letters of the given word:
AMPLIFICATION
(a) ACTOR (b) MANOR
(c) CHAMP (d) MANIA
27. If BLACKSMITH is coded as CNBELUNKUJ, then CHILDREN will be coded as?
(a) DIJMESFO (b) DIJNETFP
(c) DIJNETEP (d) DIJNETEP
28. Which figure represents the relation among Computer, Internet and Information Communication Technology?



29. Choose the correct alternative.



- (a) 422 (b) 374
(c) 256 (d) 342

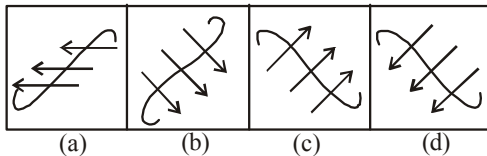
30. Murthy drove from town A to town B. In the first hour, he travelled $\frac{1}{4}$ of the journey. In the

next one hour, he travelled $\frac{1}{2}$ of the journey. In the last 30 minutes, he travelled 80 km. Find the distance of the whole journey.

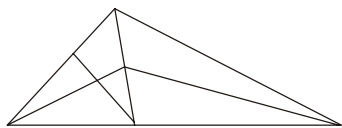
- (a) 240 km (b) 300 km
(c) 320 km (d) 360 km
31. Find the answer of the following:
 $7 + 3 = 421$
 $11 + 7 = 477$
 $9 + 5 = 445$
 $6 + 2 = ?$
 (a) 444 (b) 412
 (c) 475 (d) 487
32. Ashok's mother was 3 times as old as Ashok 5 years ago. After 5 years she will be twice as old as Ashok. How old is Ashok today?
 (a) 10 years (b) 15 years
 (c) 20 years (d) 25 years
33. If a mirror is placed on the line MN, then which of the answer figures is the correct image of the question figure?



Answer figures :



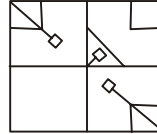
34. How many triangles are there in the following figure?



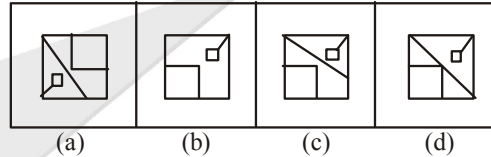
- (a) 11 (b) 13
(c) 14 (d) 15

DIRECTIONS (Qs. 35) : In question, which answer figure will complete the pattern in the question figure?

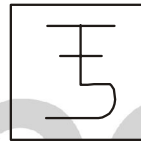
35. Question figure:



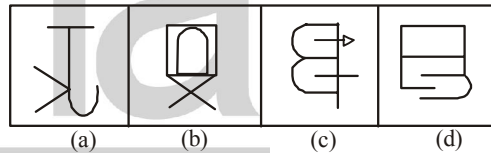
Answer Figures :



36. Which of the answer figures is not made up only by the components of the question figure ?

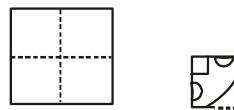


Answer figures:

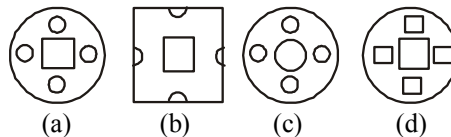


37. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

Question figure:



Answer Figures :



38. When the price of a radio was reduced by 20%, its sale increased by 80%. What was the net effect on the sale?

- (a) 44% increase (b) 44% decrease
(c) 66% increase (d) 75% increase

39. Ravi's salary is 150% of Amit's salary. Amit's salary is 80% of Ram's salary. What is the ratio of Ram's salary to Ravi's salary ?
 (a) 1 : 2 (b) 2 : 3
 (c) 5 : 6 (d) 6 : 5
40. At what percentage above the cost price must an article be marked so as to gain 33% after allowing the customer a discount of 5% ?
 (a) 48% (b) 43%
 (c) 40% (d) 38%
41. A cricket player after playing 10 tests scored 100 runs in the 11th test. As a result, the average of his runs is increased by 5. The present average of runs is
 (a) 45 (b) 40
 (c) 50 (d) 55
42. Which Amendment Act is referred as mini constitution?
 (a) 7th Constitutional Amendment Act, 1956
 (b) 24th Constitutional Amendment Act, 1971
 (c) 42nd Constitutional Amendment Act, 1976
 (d) 44th Constitutional Amendment Act, 1978
43. Chromosomes are made up of
 (a) DNA (b) Protein
 (c) DNA and Protein (d) RNA
44. Presidential form of government consists of the following?
 (a) Popular election of the President
 (b) No overlap in membership between the executive and the legislature
 (c) Fixed term of office
 (d) All of the above
45. Which of the following places of Sikh religious heritage is not in India?
 (a) Nankana Sahib (b) Nanded
 (c) Paonta Sahib (d) Keshgarh Sahib
46. Who was the author of "India of My Dreams" ?
 (a) J.B. Kripalani (b) M.K. Gandhi
 (c) G.K. Gokhale (d) Jawaharlal Nehru
47. How many players are there in a Polo team ?
 (a) 4 (b) 7
 (c) 8 (d) 6
48. Hemophilia is –
 (a) caused by bacteria
 (b) caused by virus
 (c) caused by pollutants
 (d) a hereditary defect
49. Which Indian actress got featured in the Time's '100 Most Influential People' of 2018?
 (a) Deepika Padukone (b) Priyanka Chopra
 (c) Anushka Sharma (d) Vidya Balan
50. When is the World Liver Day observed every year?
 (a) 16-Apr (b) 17-Apr
 (c) 18-Apr (d) 19-Apr

Hints & Explanation

1. (d) The word **Luxuriant (Adjective)** means : growing thickly and strongly; rich in something that is pleasant or beautiful; abundant.

2. (b) The word **Florid (Adjective)** means : rosy; gaudy; ornated; red; having too much decoration or detail.

The word **Pale (Adjective)** means : light in colour; not strong or bright; having skin that is almost white because of illness.

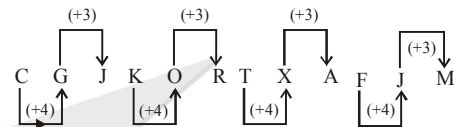
3. (a) was it ? – is the correct question tag
4. (c) Must have a dentist filling is the correct use of tense.
5. (d) Correct use of tense in the given context
6. (c) Alone supports the preposition 'into'
7. (d) It means a striking alteration in appearance, character etc.
8. (c) Neither is used for two things. For more than two things, none should be used.
9. (a) **After knowing the truth** will be correct usage.

10. (b)
11. (b) Too extreme to be described in words.
12. (a) Correct spellings of other words are : commemorate, collate and chocolate.
13. (c) Idiom '**a bolt from the blue**' means : an event or a piece of news which is sudden and unexpected; a complete surprise.

14. (b) 15. (b)
16. (d) It is mentioned in the passage that The movement of the snakes is deceptive.
17. (b) man's movement is obstructed
18. (d)
19. (c)
20. (b)

21. (a) 3,2,4,1 is the correct order.

22. (c) The pattern of the series is as follows:



23. (d)
$$\begin{array}{ccccccc} & & +3 & & +3 & & \\ & & \swarrow & & \searrow & & \\ 28 & 33 & 31 & 36 & 34 & 29 & = 39 \\ & \swarrow & \searrow & \swarrow & \searrow & & \\ & +3 & & +3 & & & \end{array}$$

24. (c) After 2 boys joined, total strength of class

$$= 45 + 2 = 47$$

As, rank was dropped by one from 20th rank, new rank is 21st.

Rank of the boy from the beginning = 21

No. of students below his rank = $47 - 21 = 26$

Rank from the end = $(47 - 21) + 1 \Rightarrow 27$.

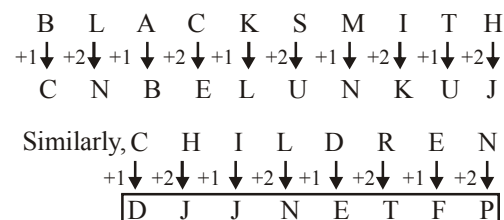
25. (b)

Diagram showing relationships: (Ram) Husband (+) is connected to sister (-) and Niece. Sister (-) is connected to Brother (+). Niece is connected to Girl (-) and Brother (+). Brother (+) is connected to Brother-in-law.

Hence, girl is the niece of Ram.

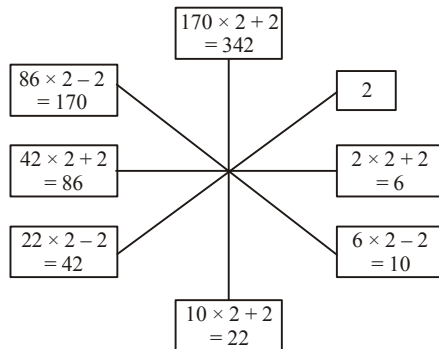
26. (d) MANIA

27. (b) As,



28. (b)

29. (d)



30. (c) Let total Journey = x km.

Ist hour, he travelled = $\frac{x}{4}$ km.

Next hour, he travelled = $\frac{x}{2}$ km.

Total distance travelled = $\left(\frac{x}{4} + \frac{x}{2}\right)$ km

$$= \frac{3x}{4} \text{ km}$$

Remaining distance = $\left(x - \frac{3x}{4}\right)$ km

$$= \frac{x}{4} \text{ km}$$

It is given that, last
last 30 min, he travelled = 80 km

$$\Rightarrow \frac{x}{4} = 80$$

$$x = 320 \text{ km.}$$

31. (b) As, $7 + 3 = 421 = (7 - 3)(7 \times 3)$

$$11 + 7 = 477 = (11 - 7)(11 \times 7)$$

$$9 + 5 = 445 = (9 - 5)(9 \times 5)$$

$$6 + 2 = (6 - 2)(6 \times 2) = 412$$

32. (b) Suppose the present age of Ashok is x years and that of his mother is y years.

5 years ago

$$3(x - 5) = (y - 5)$$

$$3x - 15 = y - 5$$

$$3x - y = 10$$

...(i)

5 years hence,

$$2(x + 5) = (y + 5)$$

$$2x + 10 = y + 5$$

$$2x - y = -5$$

...(ii)

From equations (i) and (ii)

$$x = 15 \text{ years}$$

33. (d) 34. (b) 35. (c) 36. (c) 37. (a)

38. (a) Let the original price be x and sale be of y units.

Then, the revenue collected initially = $x \times y$

Now, new price = $0.8x$, new sale = $1.8y$

Then, new revenue collected = $1.44xy$

$$\% \text{ increase in revenue} = \frac{0.44xy}{xy} \times 100 = 44\%$$

Shortcut Method

$$\begin{aligned} \text{Net effect} &= -20 + 80 + \frac{(-20 \times 80)}{100} \\ &= 60 - 16 = 44\% \end{aligned}$$

39. (c) Let the salary of Ram be ₹ 100.

Then, salary of Amit = ₹ 80

and salary of Ravi = 150% of 80 = ₹ 120

Ratio of Ram's salary to Ravi's salary = 100 : 120 = 5 : 6

40. (c) Let the cost price be ₹ 100.

Gain of 33% = ₹ 33

$$\Rightarrow \text{SP} = ₹ 133$$

Let the marked price be ₹ x . The SP of ₹ 133 has been arrived after giving a discount of 5% on marked price.

$$\text{i.e. } x \times 0.95 = ₹ 133$$

$$\Rightarrow x = \frac{133}{0.95} = ₹ 140$$

Required increase = ₹ 140 - ₹ 100 = ₹ 40

Hence required percentage = 40%.

41. (c) If the average in 10 tests be x , then,

$$\frac{x \times 10 + 100}{11} = x + 5$$

$$x \times 10 + 100 = (x + 5) \times 11$$

$$\Rightarrow 11x - 10x = 100 - 55$$

$$\Rightarrow x = 45$$

$\therefore$ Required average = 50

42. (c) 43. (c) 44. (d) 45. (a) 46. (b)

47. (a) 48. (d) 49. (a) 50. (d)