

IBPS PO Mock Test 2

Find the missing number in the series

Q 1. 110, 112, 116, 124, 140, X

- A. 172
- B. 152
- C. 162
- D. 180

Answer: A

Solution 1:

The difference is power of 2

$$110 + 2^1 = 112$$

$$112 + 2^2 = 116$$

$$116 + 2^3 = 124$$

$$124 + 2^4 = 140$$

$$140 + 2^5 = 172$$

Q 2. 8, 15, 26, 41, 60, X

- A. 71
- B. 81
- C. 75
- D. 82

Answer: B

Solution 2:

$$8 + 7 = 15$$

$$15 + 11 = 26$$

$$26 + 15 = 41$$

$$41 + 19 = 60$$

$$60 + 21 = 81$$

Directions (3-9): Study the following table carefully and answer the given questions

Years	2016	2017	2018
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Courses	Total Number of students	Total Female Students	Total Number of students	Total Female students	Total Number of students	Total Female Students
A	1000	500	1200	600	2000	800
B	1500	750	1450	700	900	300
C	1800	800	800	200	1200	400

Q 3. What was the average number of Boys studying in all the 3 courses of the college in the year 2016?

- A. 700
- B. 750
- C. 780
- D. 800

Answer: B

Solution 3:

Find the number of Male students every year by subtracting female students from the Total number of students.

Hence we get $(500+1000+750)/3 = 750$

Q 4. What was the average number of female students studying in all the 3 courses of the college in the year 2018?

- A. 500
- B. 600
- C. 550
- D. 750

Answer: A

Solution 4:

$(800+300+400)/3 = 500$

Q 5. What is the difference between all the number of girls studying in all 3 courses in the year 2017 and that of all boys studying in 2018?

- A. 1000
- B. 1500
- C. 2100
- D. 1100

Answer: D

Solution 5:

Total number of girls studying in all 3 courses in 2017 = $600+700+200 = 1500$

Total number of boys studying in all 3 course in 2018 = $1200 + 600 + 800 = 2600$

Hence the difference is 1100

Q 6. What is the respective ratio between the total number of boys in courses B and C together in 2016 and that of all students in courses A and B in 2017?

- A. 35:53
- B. 45: 63
- C. 177: 267
- D. 157:256

Answer: A

Solution 6:

Number of Boys in courses B and C together in the year 2016 = $750+1000 = 1750$

Total students in courses A and B in the year 2017 = 2650

Ratio = $1750:2650 = 35:53$

Q 7. What is the respective ratio between the total number of boys in courses A and C together in 2017 and that of all students in the courses B and C in 2018?

- A. 7:4
- B. 4:7
- C. 3:8
- D. 4:9

Answer: B

Solution 7:

Total number of Boys in courses A and C in 2017 = $600+600 = 1200$

Total number of students in the courses B and C = $900+1200= 2100$

Required ratio = $1200: 2100 = 4:7$

Q 8. What is the respective ratio between the total number of boys in courses A and B in 2018 and that of all students in courses A and C in 2016?

- A. 27:29
- B. 29:27
- C. 29:28
- D. 28:29

Answer: 29:28

Solution 8:

Total number of boys in courses A and B in 2018 = $2000 + 900 = 2900$

Total number of students in courses A and C = $1000 + 1800 = 2800$

Required Ratio = $2900:2800 = 29:28$

Q 9. By what percentage approximately is the number of girls studying in all 3 courses of the college in the year 2016 less than that of Boys studying in all 3 courses in 2018?

- A. 19%
- B. 21%
- C. 23%
- D. 27%

Answer: B

Solution 9:

Total number of girls studying in all 3 courses in 2016 = 2050

Total number of Boys in all 3 courses in 2018 = 2600

Approximate Percentage = $[(2600 - 2050)/2600] \times 100 = (550/2600) \times 100 = 21.15\%$ approx. = 21%

Direction (10-12): Study the given information carefully to answer the given questions.

D is the sister of H. H is married to B. B is the father of G. F is the son of C. H is the mother-in-law of C. B has only one son and no daughter. D is married to A. E is the daughter of A.

Q 10. How is E related to H?

- A. Niece
- B. Sister
- C. Cannot be determined
- D. Daughter
- E. Mother

Answer: A

Solution 10:

D is the sister of H and E is the daughter of D. Hence E is the niece of H.

Q 11. How is F related to B?

- A. Nephew
- B. Brother
- C. Uncle
- D. Son
- E. Grandson

Answer: E

Solution 11:

F is the son of C and C is the daughter in law of B. Hence F is the grandson of B.

Q 12. How is D related to G?

- A. Sister
- B. Aunt
- C. Mother in law
- D. Mother
- E. Cannot be determined

Answer: B

Solution 12:

R is the son of H and B. D is the sister of T. Hence D is the aunt of G.

In the following questions, the relationship between elements is shown in the statements. The statements are followed by conclusions. Study the conclusion based on the given statements and select the appropriate answer.

Give answer

- A. If only Conclusion I is true
- B. If only Conclusion II is true
- C. If either Conclusion I or II is true
- D. If both conclusions are true
- E. If neither conclusion I nor II is true.

Q 13. Statement

$$A \leq U = B < S; B \leq Y$$

Conclusions

- I: $Y > A$
- II: $Y = A$

Answer: D

Solution 13:

Both Conclusions are true. $U > A$, $U=B$, $B < Y$, hence $Y > A$. Hence Conclusion I is true. When $U = A$, $B=U$, $Y=B$, hence $Y=A$ conclusion is true.

Q 14. Pointing to Akash, Raj said to Manmohan, "He is my sisters' fathers' sisters fathers only daughters son." How is Akash related to Raj?

- A. Brother
- B. Father
- C. Cousin
- D. Nephew
- E. None of these

Answer: C

Solution 14:

Sister's father implies Rajs' father; fathers' sister implies Raj's aunt; sisters' father implies Raj's grandfather; only daughters' son implies, his aunts' son. So Raj is related to Akash as cousins

Q 15. Introducing a man to her husband, a woman said, "His brothers' father is the only son of my grandfather." How is the woman related to the man?

- A. Mother in law
- B. Sister
- C. Daughter
- D. Sister in law
- E. None of the above

Answer: B

Q 16. Y's father Q is B's paternal uncle and W's husband M is Y's paternal uncle. How is W related to B?

- A. Mother
- B. Sister
- C. Cousin
- D. Daughter
- E. None of the above

Answer: A

Directions (17-18):

In each question, a word with its contextual usage is highlighted. You need to pick the most appropriate substitute of that word from among the given alternatives.

Q 17. Unable to face a barrage of questions from the reporters, the minister had no option but to resort to equivocation.

- A. Allusion
- B. Diatribe
- C. Suggestion
- D. Prevarication
- E. Endearment

Answer: D

Q 18. The stoic depth of Hinduism will remain unfathomable to those who pretend to be its action heroes.

- A. Enigmatic
- B. Inscrutable
- C. Immeasurable
- D. Elusive
- E. Ambiguous

Answer: A

Direction (19-20): In each of the questions, a pair of capitalized word is given along with the pair of four alternatives. Choose the best alternative that expresses the relationship similar with the capitalized pair.

Q19. OBSCENE: PORNOGRAPHY

- A. Orotund: Sphere
- B. Nondescript: Mansion
- C. Numinous: Beauty
- D. Nugatory: Institution
- E. Newflanged: Progress

Answer: C

Q 20. UNPROFESSIONAL: CONDUCT

- A. Unobtrusive: Lecture
- B. Unpretentious: Thorougfare
- C. Unparalleled: Opportunity
- D. Unpalatable: Truth
- E. Unpremeditated: Observation

Answer: B

Direction (21-22): In each question, a part of the sentence is underlined along with five alternative ways to phrase the underlined part is given. Pick the best alternative that makes a meaningful sentence.

Q.21. India maybe likes the proverbial slow and steady tortoise but hardly it can afford to amble in this age of speed and technology, burdened by deep-rooted corruption that is not just holding it back but also eroding its very foundation.

- A. But hardly it can afford to amble along in this age of speed and technology
- B. But hardly can it afford to amble along in this age of speed and technology
- C. But it can hardly afford to amble along in this age of speed and technology
- D. But it can hardly afford to amble in this age of speed and technology
- E. No change required

Answer: C

Q 22. Since the 1990s, politicians and pundits predicted the imminent arrival of a digital utopia wherein robots would do the washing up and we would live in peace and harmony in electronically connected global village- thanks to the net.

- A. pundits have predicted the imminent arrival of a digital utopia in which
- B. pundits had predicted the imminent arrival of a digital utopia wherein
- C. pundits have predicted the imminent arrival of a digital utopia where
- D. pundits predicted the imminent arrival of a digital utopia in which
- E. No change required

Answer: A

Directions (23-24): Fill in the blanks in the passage given below.

Q.23. A generation that did not experience at first hand the political _____ of the emergency is liable to take democracy for granted, but not having lived through the _____ of partition, it can also bring a new and refreshing _____ to the festering political legacy called Kashmir.

- A. Authoritarianism ; trauma ; truth
- B. Autocracy ; pains ; dialogue
- C. Dictatorship ; problem ; truth
- D. Autocracy ; trauma ; dialogue
- E. Authoritarianism ; trauma ; pragmatism

Answer: E

Q 24. The Rashtrapati's powers are _____ by Article 74 of the constitution which enjoins the President to act in accordance with the advice _____ by the Council of Ministers, a/an _____ that some of the office holders have abided by only with reluctance, on occasion testing the limits of their powers and the government's determination.

- A. Constricted; Suggested; restrained
- B. Circumscribed; rendered; authority
- C. Curtailed; rendered; approval
- D. Curtailed; tendered; authority
- E. Circumscribed; tendered; restrained

Answer C

Q 25. In the following question, five ways of presenting a paragraph are given. Pick the best way that adheres most closely to the Standard English usage.

- A. Ideally, the country's first citizen has to be above the fray and elected by a national consensus but political contests for the office, always a reality, has taken on a sharper edge now that the polity has increasingly become fractured.
- B. Ideally, the country's first citizen must be above the fray and elected by a national consensus but political contests for the office, always a reality, have taken on a sharper edge now that the polity has increasingly become fractured.
- C. Ideally, the country's first citizen should be above the fray and elected by a national consensus but political contests for the office, always a reality, have taken on a sharper edge now that the polity has become fractured increasingly.
- D. Ideally, the country's first citizen should be above the fray and elected by a national consensus but political contests for the office, always a reality, have taken on a sharper edge now that the polity has become increasingly fractured.
- E. Ideally, the country's first citizen should be above the fray and elected by a national consensus but political contests for the office, always a reality, has taken a sharper edge now that the polity has increasingly become fractured.

Answer: D