

JUNIOR ENGINEERING

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Q14. Two trains 105 metres and 90 metres long, run at the speeds of 45 km/hr and 72 km/hr respectively, in opposite directions. The time which they take to cross each other, is –

- (A) 8 seconds (B) 6 seconds
(C) 7 seconds (D) 5 seconds

Ans-B

Q15. A alone can complete a work in 18 days and B alone in 15 days. B alone worked at it for 10 days and then left the work. In how many more days, will A alone complete the remaining work?

- (A) 5 days (B) 5.5 days
(C) 6 days (D) 8 days

Ans-C

Q16. Which of the following is Greenhouse gas?

- a) Carbon Monoxide
b) Carbon Dioxide
c) Sulphur dioxide
d) Oxygen

Ans: b

Q17. Tuberculosis is caused due to

- a) Bacteria
b) Virus
c) Fungus
d) None of the above

Ans: a

Q18. The foundation day of United Nations is celebrated on

- a) 22 October, 1944
b) 24 October, 1944
c) 22 October, 1945
d) 24 October, 1945

Ans: d

Q19. United Nations Headquarter is situated at

- a) Geneva
b) Washington D.C.
c) New York
d) Paris

Ans: C

Q20. IMF stands for

- a) Internal monetary fund
b) International money fund
c) International monetary fund
d) Internal money fund

Ans: c

Q21. In which city the Lingaraja temple located?

- A. Bhubaneswar
B. Bijapur
C. Kolkatta
D. Agra
Ans-A

Q22. Riel is the currency of

- A. Sudan
B. Yugoslavia
C. Jordan
D. Iran
Ans-D

Q23. The first Asian games were held at

- A. Manila
B. Tokyo
C. Jakarta
D. New Delhi
Ans-D

Q24. The nearest planet to the sun is

- A. Venus
B. Mars
C. Mercury
D. Jupiter
Ans-C

Q25. Death valley is the lowest point in the continent of

- A. Asia
B. Africa
C. North America
D. South America
Ans-C

Q26. Montreal Protocol is related to

- A. Ozone depletion
B. Nuclear weapons
C. Landmines
D. Seabed
Ans-A

Q27. Jawahar tunnel the largest tunnel is located in the state

- A. Himachal Pradesh
B. Rajasthan
C. West Bengal
D. Jammu and Kashmir
Ans-D

Q28. Penicillin was discovered by

- A. Michael Faradays
B. Sir Alexander Fleming
C. William Harvey
D. Charles Goodyer
Ans-B

Q29. The first summit of SAARC was held at

- A. Kathmandu
B. Colombo

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C.New Delhi
D.Dhaka
Ans-C

Q30. Battle of Waterloo was fought in
A.1805
B.1809
C.1813
D.1815
Ans-D

Direction(Q31to35):Read the following information carefully and answer the question below.

Δ means 'is greater than', $\%$ means 'is lesser than', \square means 'is equal to', $=$ means 'is not equal to', $+$ means 'is little more than', X means 'is a little less than'.

Q31. If $a \Delta b$ and $b+c$, then

- (A) $a\%$ c (B) $c \% a$
(C) $c+a$ (D) can't say

Ans-(B)

Q32. If $c=a$ and $a=b$, then

- (A) $b \Delta a$ (B) $c \square a$
(C) $b=a$ (D) can't say

Ans-(C)

Q33. If $a \times b$ and $b \square c$, then

- (A) $c+a$ (B) $b \Delta c$
(C) $a+c$ (D) $c \square a$

Ans-(A)

Q34. If $c\%b$ and $b \times a$, then

- (A) $a \Delta c$ (B) $c \square a$
(C) $b \Delta c$ (D) $c \Delta a$

Ans-(A)

Q35. If $ac + bc$, then

- (A) $a \square c$ (B) $b \Delta c$
(C) $c \Delta b$ (D) $b \% a$

Ans-(D)

Direction(Q36 to Q40): Read the following information carefully and answer the question below it.

Rahul's roll number in IES Exam is a number consisting of three non-zero distinct digits, such that the sum of the digits at hundred's and unit's place is equal to that half of the digit at ten's place. Also the sum of all possible three digit numbers obtained using these three digits without repetition is 2664.

Q36. The digits in the unit is:

- (A) 2 (B) 1
(C) 3 (D) Can't say

Ans-(D)

Q37. The digits in the tens place is:

- (A) 6 (B) 8
(C) 9 (D) 2

Ans-(B)

Q38. The digits in the hundreds place is:

- (A) 3 (B) 6
(C) 9 (D) Can't say

Ans-(D)

Q39. The sum of the three digits is:

- (A) 7 (B) 12
(C) 10 (D) 14

Ans-(B)

Q40. The three digit number:

- (A) 138 (B) 183
(C) 381 (D) Can't say

Ans-(D)