

GAT Previous Year Paper

Q1. The British became increasingly interested in acquiring "a cherry that will drop into our mouth one day". This refers to the annexation of which Indian territory by British colonial rulers?

- (a) Jhansi
- (b) Carnatic
- (c) Mysore
- (d) Awadh

Q2. What is the main objective of GAGAN satellite?

- (a) Provide satellite-based navigation services
- (b) Provide remote sensing data
- (c) Study celestial sources in X-ray, optical and UV spectral bands simultaneously
- (d) Improve communication facilities in remote areas like Northeast India and Andaman and Nicobar Island

Q3. A series is established, if one of the four figures is placed in place of the sign "?" in the problem figure and that figure is your answer.

Z	△		P	S	D	A	P	Z	★
		?					S		
P	S	D	F	Z	Z	D	P	S	D

(a)

P	Z
D	
S	T

(b)

P	T
D	
S	Z

(c)

P	T
S	
D	Z

(d)

P	Z
S	
D	T



Q4. A train passes a 200 m long platform in 40 seconds and a man standing on the platform in 25 seconds. The speed of the train (km/hr) is:

- (a) $(200/15)$ km/hr
- (b) 18 km/hr

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- (c) 48 km/hr
- (d) 24 km/hr

Q5. Seven chairs and three tables together cost Rs. 7400, three chairs and five tables together cost Rs. 5400. The total cost (in Rs.) of 1 chair and 2 tables is:

- (a) 2200
- (b) 2000
- (c) 2800
- (d) 1800

Q6. A sphere of maximum volume is "cut out" from a solid hemisphere of radius r . The ratio of the volume of the hemisphere to that of the cut-out sphere is:

- (a) 7: 4
- (b) 4: 3
- (c) 3: 2
- (d) 4: 1

Q7. Which number will replace the question mark (?) in the following series?

3, 4, 5, 6, 9, 10, 11, 12, 15, ?

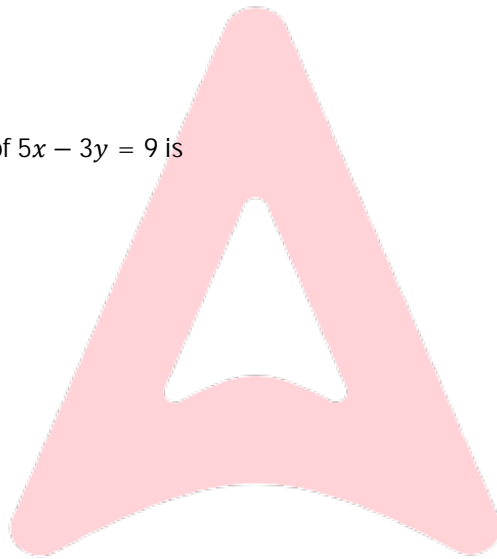
- (a) 16
- (b) 17
- (c) 18
- (d) 14

Q8. The intersection point on the Y- axis of $5x - 3y = 9$ is

- (a) (0, 3)
- (b) (0, 6)
- (c) (0, -3)
- (d) (0, -6)

Q9. Match List-I with List-II

List-I	List-II
Viceroy of India	Period
(A) Lord Curzon	(I) 1869-1872
(B) Lord Irwin	(II) 1898-1904
(C) Lord Canning	(III) 1926-1931
(D) Lord Mayo	(IV) 1858-1862



Choose the correct answer from the options given below:

- (a) (A) - (II), (B) - (III), (C) - (IV), (D) - (I)
- (b) (A) - (II), (B) - (IV), (C) - (I), (D) - (III)
- (c) (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (d) (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

Q10. Three milkmen rented a pasture, sharing the rent based on their individual use. A grazed 11 cows for 5 months, B grazed 9 cows for 4 months and C grazed 15 cows for 6 months. If A's share of rent is Rs. 1210, then C's share in (Rs.) will be:

- (a) 798
- (b) 1980
- (c) 990
- (d) 1485

Q11. The filament of an electric bulb is made of Tungsten. The bulbs are usually filled with which of the following chemically inactive gases to prolong the life of the filament?

- (a) Nitrogen and Helium
- (b) Nitrogen and Argon
- (c) Hydrogen and Argon

(d) Hydrogen and Helium

Q12. If it was a Monday on 1 January 2018, what was the day of the week on 31 December 2020?

- (a) Sunday
- (b) Saturday
- (c) Friday
- (d) Thursday

Q13. The number of neutrons in the most common isotope of hydrogen is:

- (a) 4
- (b) 5
- (c) 0
- (d) 12

Q14. When was Daman and Diu, which was earlier a separate Union Territory, merged with Dadra and Nagar Haveli?

- (a) January 2020
- (b) January 2021
- (c) January 2022
- (d) January 2023

Q15. The Mean and Median of 7 observations are 10 and 9, respectively. If 2 is subtracted from each observation, then the new Median and the new Mean will be:

- (a) 8 and 7, respectively
- (b) 7 and 8, respectively
- (c) 10 and 9, respectively
- (d) 9 and 10, respectively

Q16. A right circular metal cone (solid) is 42 cm high and its radius is $\frac{21}{2}$ cm. It is melted and recast into a sphere. Then the radius of the sphere will be:

- (a) $\frac{21}{2}$
- (b) 21
- (c) 42
- (d) 14

Q17. Match List-I with List-II

List-I	List-II
Religious Teachers	Areas of the subcontinent
(A) Chokhamela	(I) Assam
(B) Shankardeva	(II) Tamil Nadu
(C) Andal	(III) Gwalior
(D) Abdullah Shattari	(IV) Maharashtra

Choose the correct answer from the options given below:

- (a) (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (b) (A) - (IV), (B) - (I), (C) - (II), (D) - (III)
- (c) (A) - (IV), (B) - (II), (C) - (III), (D) - (I)
- (d) (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

Q18. Which one of the following books is wrongly matched with its author?

- (a) Persepolis - Marjane Satrapi
- (b) Much Ado About Nothing - William Shakespeare
- (c) Oliver Twist - Charles Dickens
- (d) Utopia - John Ruskin

Q19. Which among the following are exogenic geomorphic processes?

- (A) Weathering
- (B) Diastrophism
- (C) Erosion and deposition
- (D) Mass movement

Choose the correct answer from the options given below:

- (a) (A), (B) and (D) only
- (b) (B), (C) and (D) only
- (c) (A), (B) and (C) only
- (d) (A), (C) and (D) only

Q20. Arrange the following historical landmarks in chronological order, beginning with the earliest to the most recent.

- (A) Ahmad Shah Abdali defeats the Marathas
- (B) Babur defeats Ibrahim Lodi
- (C) Nadir Shah invades India
- (D) Sher Shah defeats Humayun

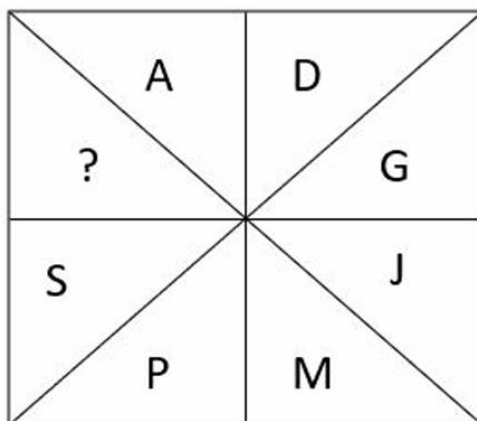
Choose the correct answer from the options given below:

- (a) (B), (D), (A), (C)
- (b) (B), (D), (C), (A)
- (c) (B), (C), (D), (A)
- (d) (C), (B), (D), (A)

Q21. Which one of the following statements is NOT correct for high yielding varieties (HYM)?

- (a) Take less time for maturing, saving time for raising other crops in the same field
- (b) Plants are not very tall, semi-dwarf varieties are stronger and protected from strong winds, but produce less fodder
- (c) Very less susceptible to diseases and are not easily attacked by insects
- (d) Weeds have to be frequently removed from fields

Q22. Fill in the missing alphabet in the given figure:



- (a) T
- (b) U
- (c) V
- (d) W

Q23. A can complete a work in 16 days, working 6 hours a day. B can complete the same work in 12 days, working 9 hours a day. If both A and B work together, working 8 hours a day, in how many days can they complete the work?

- (a) 108/17
- (b) 91/17
- (c) 41/7
- (d) 48/7

Q24. If day after tomorrow is Wednesday, What day was three days before yesterday?

- (a) Thursday
- (b) Friday
- (c) Saturday
- (d) Tuesday

Q25. Match List-I with List-II

List-I	List-II
(A) $n_{C_{r-1}} + n_{C_r}$	(I) $n_{C_{n-r}}$
(B) n_{C_r}	(II) $n + 1_{C_r}$
(C) $50_{C_r} = 50_{C_{r+2}}$, then $r =$	(III) 24
(D) $n_{P_3} = 9240$, $n = ?$	(IV) 22

Choose the correct answer from the options given below:

- (a) (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (b) (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (c) (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (d) (A) - (II), (B) - (I), (C) - (III), (D) - (IV)

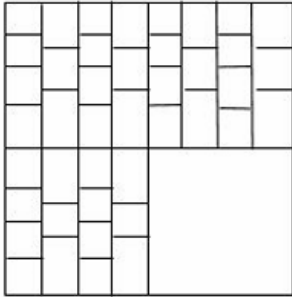
Q26. Put the following teams of Winter Khelo India Games 2025 in the order of winning medals beginning from highest to the lowest:

- (A) Himanchal Pradesh
- (B) Indian Army
- (C) ITBP
- (D) Maharashtra

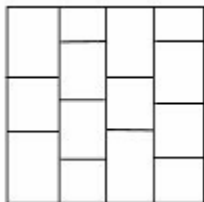
Choose the correct answer from the options given below:

- (a) (B), (A), (C), (D)
- (b) (C), (A), (B), (D)
- (c) (B), (A), (D), (C)
- (d) (C), (B), (A), (D)

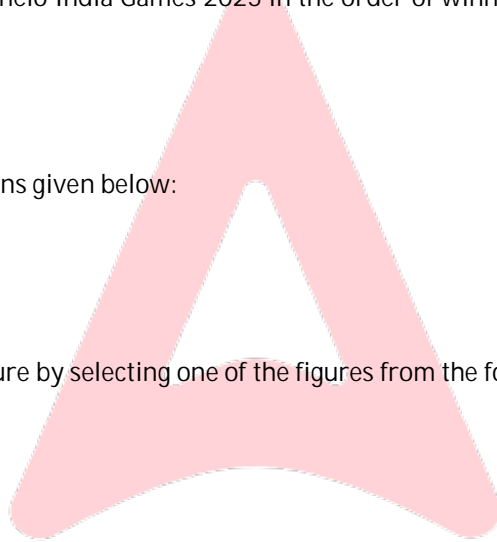
Q27 Complete the pattern in question figure by selecting one of the figures from the four alternatives:

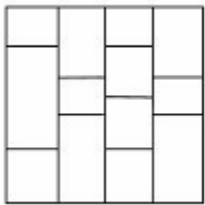


(a)

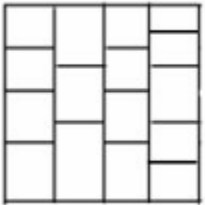


(b)

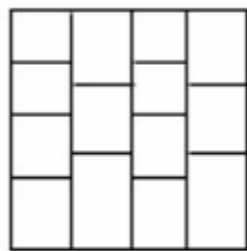




(c)



(d)



Q28. A speaks the truth in 70% of cases and B lies in 40% of cases. The probability that they will say the same thing while describing a single event (to have occurred or not) will be:

- (a) $\frac{23}{50}$
- (b) $\frac{21}{50}$
- (c) $\frac{6}{50}$
- (d) $\frac{27}{50}$

Q29. Arrange the fractions in decreasing order:

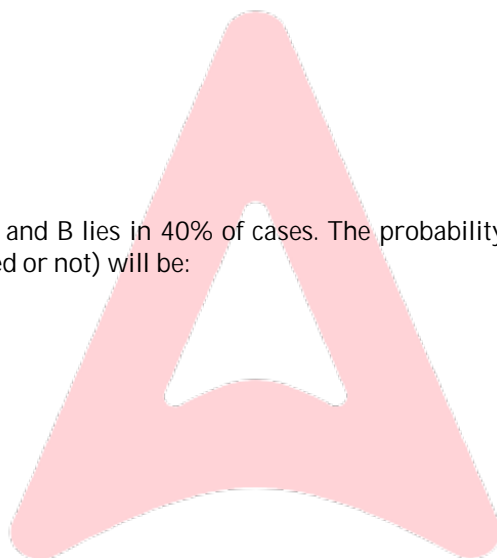
- (A) $\frac{4}{5}$
- (B) $\frac{7}{8}$
- (C) $\frac{3}{7}$
- (D) $\frac{5}{9}$

Choose the correct answer from the options given below:

- (a) (A), (B), (C), (D)
- (b) (A), (B), (D), (C)
- (c) (B), (A), (D), (C)
- (d) (C), (D), (A), (B)

Q30. Which one among the following is called the 'original jurisdiction' of the Supreme Court of India?

- (a) Issuing of Writs to protect the Fundamental Rights of the individual
- (b) Transferring cases from one High Court to another



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- (c) Advising the President on matters of public importance and law
- (d) Hearing and settling disputes between the Indian Union and States and also amongst the States

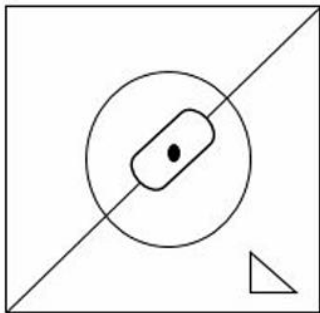
Q31. Kairos, written by Jenny Erpenbeck, won the International Booker Prize 2024. Who among the following translated the book in English?

- (a) Michele Hutchison
- (b) Michael Hofmann
- (c) Daisy Rockwell
- (d) Anna Moschovakis

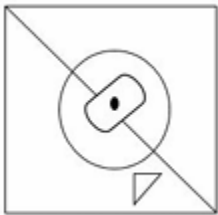
Q32. The Annapurna Scheme, providing 10 kgs of food grains per person per month free-of-cost, is meant for which one of the following categories of people?

- (a) Expecting and lactating women belonging to identified poorest of the poor families.
- (b) Students of primary and upper primary classes in government schools.
- (c) Adolescent girls of 11 - 18 years, belonging to identified poorest of the poor families.
- (d) Senior citizens of 65 years or above, who are not getting pension under the National Old Age Pension Scheme.

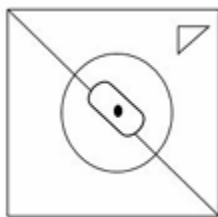
Q33. Choose the correct WATER image from the alternatives:



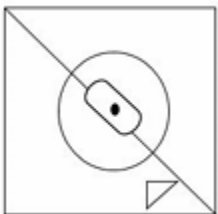
(a)



(b)

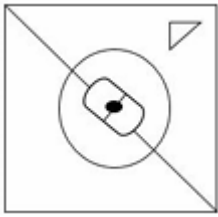


(c)



(d)





Q34. In a certain code, MOTHER is written as NLGSVI. Using the same code, it follows:

- (A) ANSWER: ZMHDVI
- (B) STATES: HGZGVH

Choose the correct option:

- (a) Only (A)
- (b) Only (B)
- (c) Both (A) and (B)
- (d) Neither (A) nor (B)

Q35. The tops of two poles of height 22 m and 31 m are connected by a wire. If the wire makes an angle of 60° with the horizontal, then the length of the wire (in m) is:

- (a) $6\sqrt{3}$
- (b) $3\sqrt{3}$
- (c) $\frac{6}{\sqrt{3}}$
- (d) $\frac{3}{\sqrt{3}}$

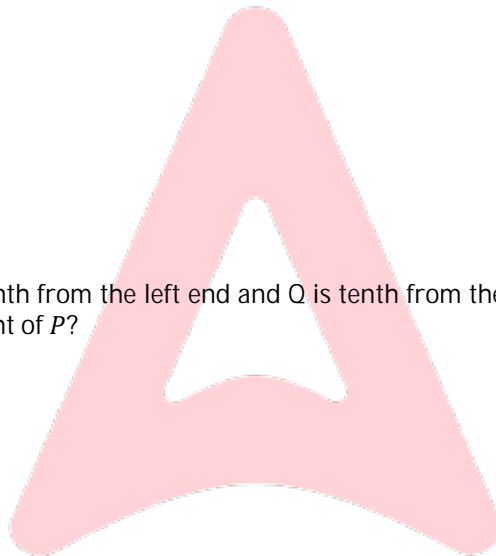
Q36. In a row of 40 children, P is thirteenth from the left end and Q is tenth from the right end. How many children are there between Q and M if M is fourth to the right of P?

- (a) 11
- (b) 12
- (c) 13
- (d) 14

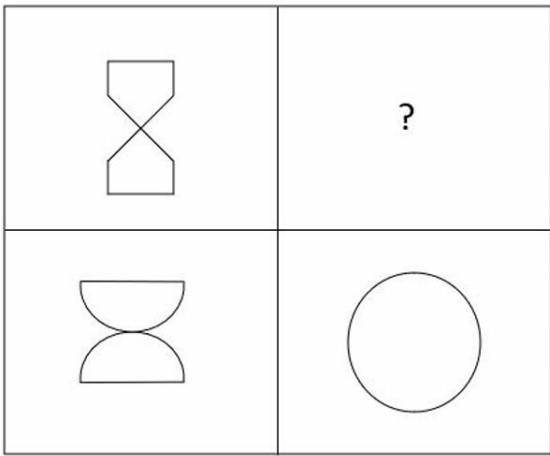
Q37. The value of

$$\frac{1}{3 \times 7} + \frac{1}{7 \times 11} + \frac{1}{11 \times 15} + \dots + \frac{1}{27 \times 31} \text{ is :}$$

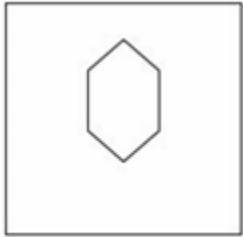
- (a) $\frac{28}{93}$
- (b) $\frac{7}{93}$
- (c) $\frac{17}{93}$
- (d) $\frac{34}{93}$



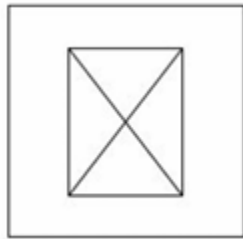
Q38. Select the figure that can replace the question mark "?"



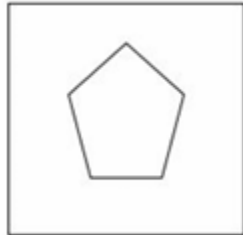
(a)



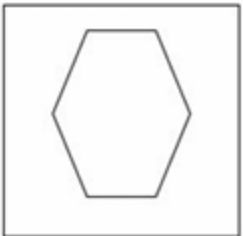
(b)



(c)



(d)



Q39. A man is facing towards the west. He then turns 45° clockwise, again turns 180° clockwise and then turns 270° anticlockwise. In which direction is he facing now?

(a) South-East

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- (b) South-West
- (c) West
- (d) North-West

Q40. Kuchipudi, a classical dance form, originated from which of the following states of India?

- (a) Kerala
- (b) Tamil Nadu
- (c) Andhra Pradesh
- (d) Karnataka

Q41. Match List-I with List-II

List-I	List-II
(A) Unit's digit of $(257)^{153} \times (346)^{72}$	(I) 3
(B) Unit's place of the product $61 \times 62 \times 63 \times 64 \times \dots \times 69$ is	(II) 4
(C) 121012 is divided by 12, the remainder is	(III) 0
(D) Unit's digit of $(257)^{153} + (346)^{72}$	(IV) 2

Choose the correct answer from the options given below:

- (a) (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (b) (A) - (IV), (B) - (III), (C) - (II), (D) - (I)
- (c) (A) - (IV), (B) - (II), (C) - (III), (D) - (I)
- (d) (A) - (I), (B) - (III), (C) - (II), (D) - (IV)

Q42. Whose experiments on the quasi-optical properties of very short radio waves led him to make improvements on the coherer, an early form of radio detector?

- (a) Satyendra Nath Bose
- (b) Jagadish Chandra Bose
- (c) C.V. Raman
- (d) Subhramanyan Chandrasekhar

Q43. In which year was Mizoram granted statehood upon signing of the memorandum of settlement between the Government of India and the Mizo National Front?

- (a) 1972
- (b) 1979
- (c) 1982
- (d) 1987

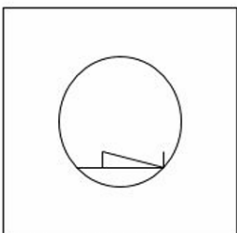
Q44. Which of the following states of India share border with China?

- (A) Arunachal Pradesh
- (B) Sikkim
- (C) Uttarakhand
- (D) Nagaland

Choose the correct answer from the options given below:

- (a) (A), (B) and (D) only
- (b) (B), (C) and (D) only
- (c) (A), (B) and (C) only
- (d) (A), (C) and (D) only

Q45. Choose the answer figure in which question figure is embedded:



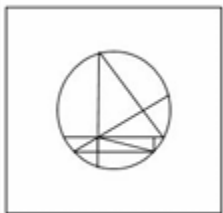
- (a)



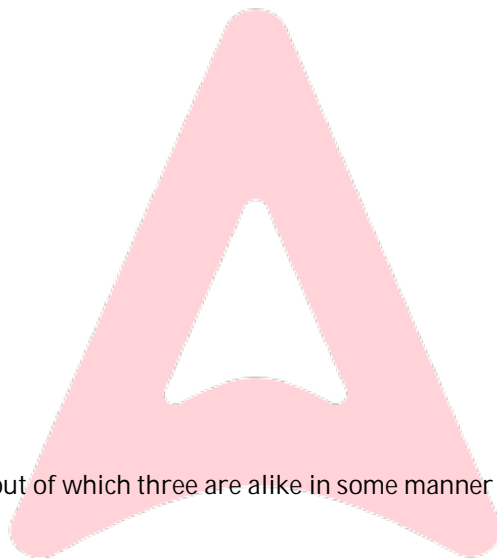
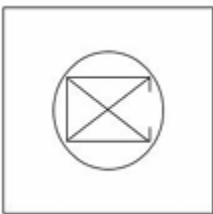
(b)



(c)



(d)



Q46. Four instruments have been given, out of which three are alike in some manner and one is different. Select the one that is different from the rest:

- (a) Udometer
- (b) Deciblemeter
- (c) Ombrometer
- (d) Pluviometer

Q47. Which one of the following is a non-ferrous metallic mineral resource?

- (a) Manganese
- (b) Iron ore
- (c) Lead
- (d) Cobalt

Q48. If the difference between the compound and simple interests on a certain sum of money for 2 years at 20% per annum is Rs. 64, then the sum in Rs. will be:

- (a) 800
- (b) 1200
- (c) 640
- (d) 1600

Q49. Five people are sitting in a row facing south. *C* is fourth to the left of *M* and *B* is sitting exactly at the middle of the row. *V* doesn't sit adjacent to *C*. What is the position of *V*?

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- (A) Second to the right of N.
- (B) Second to the left of N.
- (C) Immediate left of M.
- (D) Third to the right of C.

Choose the correct answer from the options given below:

- (a) (C), (B) and (D) only
- (b) (A), (B) and (D) only
- (c) (A), (B), (C) and (D)
- (d) (A), (C) and (D) only

Q50. $A + B$ means 'A is daughter of B'

$A - B$ means 'A is wife of B'

$A \times B$ means 'A is husband of B'

$A \div B$ means 'A is father of B'

If $K - S \div J \times B + C - Q$

Choose the correct answer from the options given below:

- (A) K is the father-in-law of B.
 - (B) J is the son-in-law of Q.
 - (C) S is the father of B.
 - (D) B is the daughter of C.
- (a) (A), (B) and (D) only
 - (b) (B) and (D) only
 - (c) (A), (B), (C) and (D)
 - (d) (B), (C) and (D) only

