

# GATE 2020

## Graduate Aptitude Test in Engineering 2020

**IIT Delhi**  
Organising Institute

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### AR: Architecture and Planning

#### GA - General Aptitude

#### Q1 - Q5 carry one mark each.

Q.No. 1 Rajiv Gandhi Khel Ratna Award was conferred\_\_\_\_Mary Kom, a six-time world champion in boxing, recently in a ceremony\_\_\_\_the Rashtrapati Bhawan (the President's official residence) in New Delhi.

- (A) with, at
- (B) on, in
- (C) on, at
- (D) to, at

Q.No. 2 Despite a string of poor performances, the chances of K. L. Rahul's selection in the team are\_\_\_\_\_.

- (A) slim
- (B) bright
- (C) obvious
- (D) uncertain

Q.No. 3 Select the word that fits the analogy:

Cover : Uncover :: Associate : \_\_\_\_\_

- (A) Unassociate
- (B) Inassociate
- (C) Misassociate
- (D) Dissociate

Q.No. 4 Hit by floods, the kharif (summer sown) crops in various parts of the country have been affected. Officials believe that the loss in production of the kharif crops can be recovered in the output of the rabi (winter sown) crops so that the country can achieve its food-grain production target of 291 million tons in the crop year 2019-20 (July-June). They are hopeful that good rains in July-August will help the soil retain moisture for a longer period, helping winter sown crops such as wheat and pulses during the November-February period.

Which of the following statements can be inferred from the given passage?

- (A) Officials declared that the food-grain production target will be met due to good rains.
- (B) Officials want the food-grain production target to be met by the November-February period.
- (C) Officials feel that the food-grain production target cannot be met due to floods.
- (D)

Q.No. 5

- (A)  $n^2 - n$
- (B)  $n^2 + n$
- (C)  $2n^2 - n$
- (D)  $2n^2 + n$

### Q6 - Q10 carry two marks each.

Q.No. 6

- (A)
- (B)
- (C) Increase in repo rate will decrease cost of borrowing and decrease lending by commercial banks.
- (D)

Q.No. 7

- (A) P is a neighbour of R.
- (B) Q is a neighbour of R.
- (C)
- (D) R is the left neighbour of S.

Q.No. 8

- (A) 66.6
- (B) 75.2
- (C) 88.2
- (D)

Q.No. 9

- (A) 0
- (B) 6
- (C) 12
- (D) 16

Q.No. 10

- (A) 15 : 17
- (B) 16 : 17
- (C)
- (D) 17 : 16

### AR: Architecture and Planning

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### Q1 - Q25 carry one mark each.

- Q.No. 1 In the architectural style of ancient North Indian Temples, the term 'Adhithana' refers to
- (A) Pinnacle
  - (B) Base Platform
  - (C) Vestibule
  - (D) Transept

- Q.No. 2 Who among the following architects has **NOT** won the Pritzker Architecture Prize till 2019?
- (A) Arata Isozaki
  - (B) I. M. Pei

- (C) B. V. Doshi
- (D)

**Q.No. 3**

- (A)
- (B)
- (C)
- (D)

**Q.No. 4**

- (A)
- (B)
- (C)
- (D)

**Q.No. 5**

- (A)
- (B)
- (C)
- (D)

**Q.No. 6**

- (A)
- (B)
- (C)
- (D)

**Q.No. 7**

- (A)
- (B)
- (C)
- (D)

**Q.No. 8**

- (A)
- (B)
- (C)
- (D)

**Q.No. 9**

- (A)
- (B)
- (C)
- (D)

**Q.No. 10**

- (A)
- (B)
- (C)
- (D)

**Q.No. 11**

- (A)
- (B)
- (C)
- (D)

**Q.No. 12**

- (A)
- (B)
- (C)
- (D)

**Q.No. 13**

- (A)
- (B)
- (C)
- (D)

**Q.No. 14**

- (A)
- (B)
- (C)
- (D)

**Q.No. 15**

- (A)
- (B)
- (C)
- (D)

**Q.No. 16**

- (A)
- (B)
- (C)
- (D)

**Q.No. 17**

- (A)
- (B)
- (C)
- (D)

**Q.No. 18**

- (A)
- (B)
- (C)
- (D)

**Q.No. 19**

- (A)
- (B)
- (C)
- (D)

Q.No. 20

- (A)
- (B)
- (C)
- (D)

Q.No. 21

- (A)
- (B)
- (C)
- (D)

Q.No. 22

Q.No. 23

Q.No. 24

Q.No. 25

**Q26 - Q55 carry two marks each.**

Q.No. 26

- (A)
- (B)
- (C)
- (D)

Q.No. 27

- (A)
- (B)
- (C)
- (D)

Q.No. 28

- (A)
- (B)
- (C)
- (D)

Q.No. 29

- (A)
- (B)
- (C)
- (D)

Q.No. 30

- (A)
- (B)
- (C)
- (D)

Q.No. 31

- (A)
- (B)
- (C)
- (D)

**Q.No. 32**

- (A)
- (B)
- (C)
- (D)

**Q.No. 33**

- (A)
- (B)
- (C)
- (D)

**Q.No. 34**

- (A)
- (B)
- (C)
- (D)

**Q.No. 35**

- (A)
- (B)
- (C)
- (D)

**Q.No. 36**

- (A)
- (B)
- (C)
- (D)

**Q.No. 37**

- (A)
- (B)
- (C)
- (D)

**Q.No. 38**

- (A)
- (B)
- (C)
- (D)

**Q.No. 39**

- (A)
- (B)
- (C)
- (D)

Q.No. 40

(A)

(B)

(C)

(D)

Q.No. 41

Q.No. 42

Q.No. 43

Q.No. 44

Q.No. 45

Q.No. 46

Q.No. 47

Q.No. 48

Q.No. 49

Q.No. 50

Q.No. 51

Q.No. 52

Q.No. 53

Q.No. 54

Q.No. 55