



Admissions in UG Honours Courses



**SET (B)**

**Total Number of questions : 100 [Section 2 to 5] + 1 Essay Writing [Section 1]**

**Time limit : 90 Minutes [Section 2 to 5] + 30 Minutes [Section 1]**

Serial No.	Section	Number of Questions
Section 1	Essay Writing	25
Section 2	English	20
Section 3	Numerical Ability (Mathematics)	20
Section 4	Reasoning	20
Section 5	General Knowledge & Current Affairs	40
	<b>TOTAL</b>	<b>125</b>

**CANDIDATE NAME:** \_\_\_\_\_

**CANDIDATE ID:** \_\_\_\_\_

**SECTION 1 – ESSAY WRITING – 25 MARKS**

**ESSAY TOPIC (300 - 400 Words):**

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Lined area for writing or drawing, consisting of 30 horizontal lines.

**SECTION 2 – ENGLISH – 20 QUESTIONS (1 MARK EACH)**

**Directions:**

**In each of the following questions, find out which part of the sentence has an error. If there is no mistake, the answer is 'No Error'.**

1. We threw out some old furniture (a) / so that the new television set (b) / has enough space (c) / No Error (d)  
A. We threw out some old furniture  
B. so that the new television set  
C. has enough space  
D. No Error
  
2. Meatless Days (a) / have been made (b) / in to a film. (c) / No Error (d)  
A. Meatless Days  
B. have been made  
C. in to a film  
D. No Error
  
3. He went on committing crime after crime (a) / but in spite of my best efforts (b) / i could not prevent him to do so. (c) / No Error (d)  
A. He went on committing crime after crime  
B. but in spite of my best efforts  
C. i could not prevent him to do so  
D. No Error
  
4. The doctor advised us (a) / not to told (b) / the patient about his disease (c) / No Error (d)  
A. The doctor advised us  
B. not to told  
C. the patient about his disease  
D. No Error
  
5. But for some (a) / anxious moments. Our expedition (b) / in the Himalayas was enjoyable (c) / No error (d)  
A. But for some  
B. anxious moments. Our expedition  
C. in the Himalayas was enjoyable  
D. No Error

**Directions (Q. 6 – 10):**

**In each question below, a word is given in capitals. Against this word, there are some alternatives, one of this which is either the same in meaning (Synonyms) or opposite in meaning (Antonyms) of the given word. Find out which of the given alternatives is either a synonym or an antonym of the word printed in capitals.**

6. TACIT

- |           |            |
|-----------|------------|
| A. Trival | C. Lengthy |
| B. Spoken | D. Neutral |

7. PROWESS

- |              |                  |
|--------------|------------------|
| A. Bravery   | C. Keeness       |
| B. Eagerness | D. Understanding |

8. BENIGN

- |               |             |
|---------------|-------------|
| A. Gentle     | C. Peaceful |
| B. Favourable | D. Wavering |

9. CAJOLE

- |             |               |
|-------------|---------------|
| A. Persuade | C. Threaten   |
| B. Scold    | D. Intimidate |

10. LIBERAL

- |               |                |
|---------------|----------------|
| A. Unreliable | C. Intolerant  |
| B. Strong     | D. Responsible |

**Directions to Solve Q. 11 – 15: Read the passage below and answer the questions that follow**

The enjoyment of physical possession of things would seem to be one of the prerogatives of wealth which has been little impaired. Presumably, nothing has happened to keep the man who can afford them from enjoying his Rembrandt and his homegrown orchids. But enjoyment of things has always been associated with the third prerogative of wealth which is the distinct it confers. In a world where nearly everyone was poor, the distinction was very great. It was the natural consequence of rarity. In England it is widely agreed, the ducal families are not uniformly superior. There is a roughly normal incidence of intelligence and stupidity, good taste and bad taste, morality, immorality. But very few people are dukes and duchesses, although the latter have become rather more frequent with modern easing of divorce laws. As a result, even though they may be intrinsically unexceptional they are regarded with some awe. So it has long have been with the rich. Were dukes numerous their position would deteriorate. As the rich have become more numerous, they have inevitably become a debased currency.

11. The distinction conferred by wealth
- A. was unfair to the poor
  - B. was unlikely to spread throughout the world
  - C. was very great when there were many rich people
  - D. was very great when there were few rich people
12. The enjoyment of the physical possession of things
- A. is one of the privileges of wealth which has not been changed
  - B. is one of the privileges of wealth which should be curtailed
  - C. has little to do with the prerogatives of wealth
  - D. is a prerogative of wealth which cannot be disputed
13. Ducal families in England
- A. are generally agreed to be fairly common
  - B. are generally agreed to be fairly superior
  - C. are superior because they are rich
  - D. are generally agreed not to be always better than others
14. There are more duchesses now because
- A. it is easier for dukes to divorce and remarry
  - B. dukes are more immoral than they used to be
  - C. their position has deteriorated
  - D. they are debased
15. Among the ducal families
- A. there is great deal of immortality
  - B. there is a fairly even spread of virtues and vices
  - C. there is a great deal of bad taste
  - D. there is either great intelligence or great stupidity

**Directions to Solve Q. 16 – 20: Fill in the blank(s) from the given options**

Let children learn to judge their own work. A child ...(16)... to talk does not learn ...(17)... being corrected all the time ...(18)... corrected too much, he will ...(19)... talking. He notices a thousand times a day the difference between the ...(20)... he uses and the language those around him use.

16.

- A. endeavouring
- B. learning
- C. experimenting
- D. experiencing

17.

- A. in
- B. on
- C. by
- D. to

18.

- A. unless
- B. being
- C. until
- D. if

19.

- A. stop
- B. halt
- C. avoid
- D. shun

20.

- A. speech
- B. language
- C. talk
- D. skill

**SECTION 3 – NUMERICAL ABILITY (MATHEMATICS) – 20 QUESTIONS (1 MARK EACH)**

21. The proportion between the current ages of Abhinandan and Bharadwaj is 6 : 7. If Bharadwaj is 4 years older than Abhinandan, What will be the proportion of the ages of Abhinandan and Bharadwaj after Four years?

- A. 4 : 3                      C. 3 : 4                      E. None of these  
B. 3 : 5                      D. 7 : 8

22. A seller has 50 kg of jowar, part of which he sells at 8% profit and the rest at 18% profit. He gains 14% on the whole. What is the quantity sold at 18% profit?

- A. 20 kg  
B. 25 kg  
C. 40 kg  
D. 30 kg

23. The adjacent sides of a parallelogram are 8 m and 5 m. The distance between the longer sides is 4 m. The distance between the shorter sides is

- A. 4.6 m                      C. 8.6 m  
B. 6.4 m                      D. None of these

24. Find the sum of the first 12 odd numbers.

- A. 280                      C. 320  
B. 180                      D. 144

25. There was a diner for 30 tourists in a certain area. On the number of tourists being increased by 10, the expenses of the diner were increased by Rs 40 per month while the average expenditure per head diminished by Rs 2, Find the original monthly expenses.

- A. Rs. 390                      C. Rs. 360  
B. Rs. 410                      D. Rs. 480

26. A steamer goes 13 km upstream in 39 minutes. The speed of stream is 3 km/h. The speed of steamer in still water is

- A. 27 km/h                      C. 23 km/h  
B. 25 km/h                      D. None of these

27. The difference between the squares of two consecutive odd integers is always divisible by:

- A. 3                      C. 7  
B. 6                      D. 8

28. Alpha, Bravo and Charlie start a business with their investment of Rs. 8,000, Rs. 9,000, Rs 7,000 respectively, with the agreement that 5% of the profit allotted for welfare schemes, and 11% as salary for the welfare schemes, and 11% as salary for the worker. In a total profit of Rs. 4,200, find the share of Charlie.

- A. Rs. 1029                      C. Rs. 1050  
B. Rs. 1500                      D. Rs. 1025

29. In a shipment of 120 toys, 5 per cent were defective. In a shipment of 80 toys, 10 per cent were defective. For the two shipments combined, what per cent of the toys were defective?
- A. 6.5                      C. 7.5  
B. 7.0                      D. 8.0
30. A tap can fill a cistern in 8 hours and another tap can empty it in 16 hours. If both the taps are open, the time (in hours) taken to fill the tank will be
- A. 8                          C. 16  
B. 10                        D. 24
31. A train of length 150 metres takes 40.5 seconds to cross a tunnel of length 300 metres. What is the speed of the train in km/hr?
- A. 13.33                    C. 40  
B. 26.67                    D. 66.67
32. On dividing a number by 4, the sum of quotient and remainder is 8 and sum of their squares is 34. Find the number.
- A. 24                        C. 23  
B. 22                        D. 25
33. A shopkeeper purchased 15 items. He sold some of them to a first customer at a gain of 4% and the remaining to another customer at a gain of 7%. If he gains 5% on the whole, how many items did he sell to first customer?
- A. 7                          C. 10  
B. 9                          D. 13
34. Between two stations, the first, second and third class fares are in the ratio 9 : 7 : 2. The number of passengers traveling in a day are in the ratio 5 : 3 : 2 respectively in the above classes. If the sale of tickets generated revenue of Rs 98,000 that day and if 200 passengers traveled by third class, what was the fare for a first class ticket?
- A. Rs. 84                    C. Rs. 106  
B. Rs. 92                    D. Rs. 126
35. A sum of money trebles itself in 15 years 6 months. In how many years would it double itself?
- A. 6 years 3 months    C. 8 years 3 months  
B. 7 years 9 months    D. 9 years 6 months
36. A biker covers the distance of 60 km from A to B at a speed of 20 km/hr and return journey from B to A at a speed of 30 km/hr. His average speed of entire journey is
- A. 22 km/hr                C. 26 km/hr  
B. 24 km/hr                D. 25 km/hr



37. Three persons A, B, C can do a piece of work in 15 days, 6 days and 10 days respectively. In how many days will all; the three finish three times the similar work?

- A. 3 days                      C. 6 days  
B. 9 days                      D. 4 days

38. Volume of a right circular cylinder and that of a sphere are equal. If the radius of the base of the cylinder is the same as that of the sphere, which of the following is true as regards the height of the cylinder?

- A. It is  $\frac{4}{3}$  rd of its radius                      C. It is equal to its diameter  
B. It is equal to its radius                      D. It is  $\frac{2}{3}$  rd of its radius

39. Income of a company doubles after every one year. If the initial income was Rs. 4 lakhs, what would be the income after 5 years?

- A. Rs. 1.24 crores                      C. Rs. 2.52 crores                      E. None of these  
B. Rs. 1.28 crores                      D. Rs. 2.56 crores

40. When a woman distributed craft papers to children in her class each one got 7 papers, and 14 papers remained with the woman. If two more children would have been in the class, no paper would have remained undistributed. How many children, the woman had in her class?

- A. 70                                      C. 52  
B. 58                                      D. Data inadequate

**SECTION 4 – REASONING – 20 QUESTIONS (1 MARK EACH)**

**Q. 41 – 42: Each problem consists of three statements. Based on the first two statements, the third statement may be true, false, or uncertain.**

41. The Kingston Mall has more stores than the Galleria.  
The Four Corners Mall has fewer stores than the Galleria.  
The Kingston Mall has more stores than the Four Corners Mall.  
If the first two statements are true, the third statement is

- A. true
- B. false
- C. uncertain

42. All the roses in Thano's garden are white.  
All the lotuses in Thano's garden are yellow.  
All the flowers in Thano's garden are either white or yellow  
If the first two statements are true, the third statement is

- A. true
- B. false
- C. uncertain

43. Four defensive football players are chasing the opposing wide receiver, who has the ball. Chintan is directly behind the ball carrier. Jaimin and Bhavesh are side by side behind Chintan. Zaid is behind Jaimin and Bhavesh. Chintan tries for the tackle but misses and falls. Bhavesh trips. Which defensive player tackles the receiver?

- A. Bhavesh
- B. Zaid
- C. Jaimin
- D. Chintan

44. A four-person crew from Classic Colors is painting Mr. Farhan's house. Mushtaq is painting the front of the house. Rahim is in the alley behind the house painting the back. Javed is painting the window frames on the north side, Shauqat is on the south. If Mushtaq switches places with Javed, and Javed then switches places with Shauqat, where is Shauqat?

- A. in the alley behind the house
- B. on the north side of the house
- C. in front of the house
- D. on the south side of the house

45. In a four-day period Monday through Thursday each of the following temporary office workers worked only one day, each a different day. Ms. Julie was scheduled to work on Monday, but she traded with Mr. Chitnis, who was originally scheduled to work on Wednesday. Ms. Farha traded with Mr. Kelkar, who was originally scheduled to work on Thursday. After all the switching was done, who worked on Tuesday?

- A. Mr. Chitnis
- B. Ms. Farha
- C. Ms. Julie
- D. Mr. Kelkar

46. Four people witnessed a mugging. Each gave a different description of the mugger. Which description is probably right?

- A. He was average height, thin, and middle-aged.
- B. He was tall, thin, and middle-aged.
- C. He was tall, thin, and young.
- D. He was tall, of average weight, and middle-aged.

47. Ms. Freni likes to let her students choose who their partners will be; however, no pair of students may work together more than seven class periods in a row. Adil and Bablou have studied together seven class periods in a row. Chetan and Denish have worked together three class periods in a row. Chetan does not want to work with Adil. Who should be assigned to work with Bablou?

- A. Chetan
- B. Adil
- C. Denish
- D. Freni

48. Identify the missing number in the series: 26, 63, 124, \_\_\_\_, 342, 511

- A. 214
- B. 215
- C. 216
- D. 217

49. Identify the missing number in the series: 2, 7, 22, \_\_, 202, 607

- A. 67
- B. 68
- C. 70
- D. 72

50. Identify the odd man out: 13, 17, 23, 27, 31, 37

- A. 13
- B. 17
- C. 23
- D. 27

**Directions to Solve Q. 51 – 53:**

**Each of the following questions is based on the following information:**

**A # B means B is at 1 metre to the right of A.**

**A \$ B means B is at 1 metre to the North of A.**

**A \* B means B is at 1 metre to the left of A.**

**A @ B means B is at 1 metre to the south of A.**

**In each question first person from the left is facing North.**

51. According to X @ B \* P, P is in which direction with respect to X?

- A. North
- B. South
- C. North-East
- D. South-West

52. According to M # N \$ T, T is in which direction with respect to M?

- A. North-West
- B. North-East
- C. South-West
- D. South-East

53. According to P # R \$ A \* U, in which direction is U with respect to P?

- A. East
- B. West
- C. North
- D. South

**Directions to Solve Q. 54 - 55**

**Each of these questions is based on the following information:**

**M % N means M is the son of N.**

**M @ N means M is the sister of N.**

**M \$ N means M is the father of N.**

54. Which of the following shows the relation that C is the granddaughter of E?

- A. C % B \$ F \$ E
- B. B \$ F \$ E % C
- C. C @ B % F % E
- D. E % B \$ F \$ C

55. Which of the following shows the relation that S is the father of Q?

- A. S @ P \$ Q
- B. Q @ P % S
- C. Q \$ S @ P
- D. None of these

**Directions to Solve Q. 56 - 57**

In each question below are given two statements followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusion and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

(A) If only conclusion I follows

(B) If only conclusion II follows

(C) If either I or II follows

(D) If neither I nor II follows and

(E) If both I and II follow.

56. Statements: All windows are doors. No door is wall.

Conclusions:

I. No window is wall.

II. No wall is door.

57. Statements: Most teachers are boys. Some boys are students.

Conclusions:

I. Some students are boys.

II. Some teachers are students.

**Q. 58 – 60: Every one of the following questions consists of a related pair of words, followed by five pairs of words. Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.**

58. BINDING : BOOK

A. criminal : gang

B. display : museum

C. artist : carpenter

D. nail : hammer

E. frame : picture

59. EXPLORE : DISCOVER

A. read : skim

B. research : learn

C. write : print

D. think : relate

E. sleep : wake

60. SIAMESE : CAT

A. type : breed

B. dog : puppy

C. mark : spot

D. romaine : lettuce

E. collar : leash

**SECTION 5 – GENERAL KNOWLEDGE AND CURRENT AFFAIRS – 40 QUESTIONS (1 MARK EACH)**

- Q. 61 Who said that, 'Man is a social animal'?
- A. Socrates
  - B. Aristotle
  - C. Kahn
  - D. Plato
- Q. 62 World Computer Literacy day is celebrated on
- A. November 14
  - B. November 3
  - C. December 2
  - D. July 5
- Q. 63 Whose teaching inspired the French Revolution?
- A. Rousseau
  - B. Locke
  - C. Hegel
  - D. Wagner
- Q. 64 Indian government had decided to stop sharing of Indus water with which of the following country?
- A. Nepal
  - B. Srilanka
  - C. Bangladesh
  - D. Pakistan
- Q. 65 The famous Akshardham temple is situated in the city of
- A. Jamnagar
  - B. Gandhinagar
  - C. Jammu
  - D. Madurai
- Q. 66 If a doctor tested you with a sphygmomanometer, what did he test you for?
- A. Pulse Rate
  - B. Blood Oxygen level
  - C. Blood Pressure
  - D. Haemoglobin content in blood
- Q. 67 Name the annual fair of Rajasthan that is famous for its camel trading event.
- A. Maru Mela
  - B. Pushkar Mela
  - C. Suraj Kund Mela
  - D. Sonapur Mela

- Q. 68 India's national song is taken from which literary work?  
A. Anand Math  
B. Gitanjali  
C. Bharat – ek Khoj  
D. Mundak Upanishads
- Q. 69 Name the Best Mobile App that won the Gold in the Digital India Awards?  
A. ePathshala  
B. T App Folio  
C. eCourts Services  
D. Meeseva App
- Q. 70 Who has been conferred with the Gandhi Peace Prize for the year 2018?  
A. Akshaya Patra Foundation  
B. Yohei Sasakawa  
C. Vivekananda Kendra  
D. Ekal Abhiyan Trust
- Q. 71 December 10 is observed as  
A. World Health Day  
B. U.N. Day  
C. Red Cross Day  
D. Human Rights Day
- Q. 72 Which is the largest gland in human body?  
A. Pancreas  
B. Liver  
C. Thyroid  
D. Pituitary
- Q. 73 The book titled 'The Google Story' has been authored by  
A. David A. Vice  
B. Shobha Dey  
C. Fredrick Forsyth  
D. Vikram Seth
- Q. 74 Which strait separates Europe from Africa  
A. Mallaica  
B. Gibraltar  
C. Berring  
D. Palk

- Q. 75 Taiwan was earlier known as
- A. Fuchow
  - B. Marshall Island
  - C. Formosa
  - D. Macau
- Q. 76 Identify the Indian Tennis player who has turned Hollywood filmmaker?
- A. Vijay Sethupathy
  - B. Mahesh Bhupathi
  - C. Leander Paes
  - D. Ashok Amritraj
- Q. 77 The CM of this state launched the Virtual learning portal for rural students preparing for competitive exams.
- A. Kerala
  - B. Andhra Pradesh
  - C. Tamil Nadu
  - D. Uttar Pradesh
- Q. 78 Muhammadu Buhari was re-elected as the president of which of the following country?
- A. Morocco
  - B. Sudan
  - C. Nigeria
  - D. Libya
- Q. 79 Excess of money supply as compared to supply of goods results in
- A. Depression
  - B. Deflation
  - C. Trade deficit
  - D. Inflation
- Q. 80 The largest living flightless bird is
- A. Emu
  - B. Kiwi
  - C. Ostrich
  - D. Penguin
- Q. 81 Which of the following oceans has the shape of the English letter 'S'?
- A. Atlantic
  - B. Pacific
  - C. Indian
  - D. Arctic



- Q. 82 Which is the longest shipping canal in the world?  
A. Panama Canal  
B. Suez Canal  
C. White Sea-Baltic Canal  
D. Kiel Canal
- Q. 83 Le Corbusier, the architect of Chandigarh was a national of  
A. Britain  
B. Portugal  
C. France  
D. Netherlands
- Q. 84 India became a member of UNO in  
A. 1945  
B. 1947  
C. 1950  
D. 1952
- Q. 85 To which country does India export the largest quantity of iron ore?  
A. USA  
B. Japan  
C. Egypt  
D. Germany
- Q. 86 The longest highway in India runs from  
A. Kolkata to Jammu  
B. Shillong to Amritsar  
C. Ambala to Nagercoil  
D. Varanasi to Kanyakumari
- Q. 87 The longest irrigation canal in India is called  
A. Upper Bari Doab Canal  
B. Indira Gandhi Canal  
C. Sirhind Canal  
D. Yamuna Canal
- Q. 88 Leukemia is a disease related to  
A. Kidney  
B. Throat  
C. Blood  
D. Eyes
- Q. 89 In which city was Osama Bin Laden killed in May 2011?  
A. Islamabad  
B. Abbottabad  
C. Faisalabad  
D. Peshawar

Q. 90 In the Marvel comics, Bruce Banner is affected by which kind of radiation which transforms him into the Hulk?

- A. Alpha radiation
- B. Beta radiation
- C. Gamma radiation
- D. X Rays

Q. 91 Light year is a unit of

- A. Distance
- B. Time
- C. Sound
- D. Light intensity

Q. 92 What is the position of Indian Passport in the Passport Index of 2019?

- A. 67
- B. 72
- C. 77
- D. 54

Q. 93 PM Modi unveils world's largest Bhagavad Gita at ISKCON temple in south Delhi. It was weighted upto;

- A. 800 Kg
- B. 780 Kg
- C. 630 Kg
- D. 500 Kg

Q. 94 India's first state to have raised a special dog squad to detect liquor consignment.

- A. Maharashtra
- B. Assam
- C. Bihar
- D. Andra Pradesh

Q. 95 Where did Prime Minister Narendra Modi inaugurated 40-Acre National War Memorial?

- A. New Delhi
- B. Srinagar
- C. Ladakh
- D. Shimla

Q. 96 The first ever formula one race in India was held in

- A. Greater Noida
- B. New Delhi
- C. Faridabad
- D. Pune

Q. 97 Who among the following is the Goodwill Ambassador of WHO for Hepatitis in South-East Asia Region?

- A. Aamir Khan
- B. Amitabh Bachchan
- C. Akshay Kumar
- D. Hema Malini

Q. 98 PepsiCo's CEO Indra Nooyi has joined as a board of directors for this company, recently.

- A. Paypal
- B. Myntra
- C. Amazon
- D. Snapdeal

Q. 99 Which Indian state ranked first in highest alcohol consumption among kids?

- A. West Bengal
- B. Rajasthan
- C. Punjab
- D. Bihar

Q. 100 Who presides over the joint sitting of both houses of Parliament?

- A. Speaker of Lok Sabha
- B. President
- C. Chairman of Rajya Sabha
- D. Prime Minister

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