

## JEHOM-2019

Subject : English Language, General Knowledge, Logical Reasoning and  
Elementary Mathematics

(Booklet Number)

Duration : 90 Minutes

Full Marks : 100

### INSTRUCTIONS

1. All questions are of objective type having four answer options for each. Only one option is correct. Correct answer will carry full marks 2. In case of incorrect answer or any combination of more than one answer,  $\frac{1}{2}$  mark will be deducted.
2. Questions must be answered on OMR sheet by darkening the appropriate bubble marked A, B, C or D.
3. Use only **Black/Blue ball point pen** to mark the answer by complete filling up of the respective bubbles.
4. Mark the answers only in the space provided. Do not make any stray mark on the OMR.
5. Write question booklet number and your roll number carefully in the specified locations of the **OMR**. Also fill appropriate bubbles.
6. Write your name (in block letter), name of the examination centre and put your full signature in appropriate boxes in the OMR.
7. The OMR is liable to become invalid if there is any mistake in filling the correct bubbles for question booklet number/roll number or if there is any discrepancy in the name/signature of the candidate, name of the examination centre. The OMR may also become invalid due to folding or putting stray marks on it or any damage to it. The consequence of such invalidation due to incorrect marking or careless handling by the candidate will be sole responsibility of candidate.
8. Candidates are not allowed to carry any written or printed material, calculator, pen, docu-pen, log table, wristwatch, any communication device like mobile phones etc. inside the examination hall. Any candidate found with such items will be **reported against** and his/her candidature will be summarily cancelled.
9. Rough work must be done on the question paper itself. Additional blank pages are given in the question paper for rough work.
10. Hand over the OMR to the invigilator before leaving the Examination Hall.



**JEHOM-2019**

**SPACE FOR ROUGH WORK**

## ENGLISH LANGUAGE

1. Choose the word, which has nearly the same meaning as ADMONISH.
- (A) Praise (B) Appeal  
(C) Support (D) Rebuke
2. Choose the word, which is opposite in meaning to JEER.
- (A) Clear (B) Mock  
(C) Praise (D) Sneer
3. Choose the word that can replace both the words in bold italics in the two given sentences.
- I. The management did not find him *suitable* for the job of a clerk.  
II. Akash could not *arrange* all parts of the machine properly
- (A) fit (B) employ  
(C) finish (D) adjust
4. Observe the two bold italicized words in the following two sentences and give your observation by choosing any one option below.
- I. Sudden *lightening* frightened the baby.  
II. Halogen lamps are used for *lightning* roads.
- (A) Only sentence-I is correct  
(B) Only sentence-II is correct  
(C) Both sentences I and II are correct  
(D) Neither sentence I nor sentence II is correct
5. Choose the word, which can most appropriately replace the bold italicized words in the sentence –
- A person can be sentenced to death for *killing another human being*.
- (A) patricide (B) homicide  
(C) genocide (D) fratricide

6. Choose the option, which can best replace the group of words given: 'One, who possesses varied talents'

(A) versatile (B) talented  
(C) gifted (D) excellent

7. Choose the most effective word to fill in the blank to make the sentence meaningfully complete.

One must \_\_\_\_\_ one's career with all seriousness.

(A) direct (B) pursue  
(C) peruse (D) complete

8. Choose the most effective word to fill in the blank to make the sentence meaningfully complete.

Those who have well \_\_\_\_\_ their transition from village life to city life have prospered.

(A) managed (B) taken  
(C) tried (D) finalised

9. Fill in the blank with the most appropriate word/ group of words to make the sentence meaningfully complete.

There is an exception \_\_\_\_\_ every rule

(A) in (B) on  
(C) for (D) to

10. Fill in the blank with the most appropriate word/ group of words to make the sentence meaningfully complete.

He lived in Delhi \_\_\_\_\_

(A) for five years ago (B) for five years  
(C) since five years (D) five years

11. Fill in the blank with the most appropriate word/ group of words to make the sentence meaningfully complete.

My friend has a strange habit of turning \_\_\_\_\_ at odd hours.

- (A) to (B) in  
(C) with (D) up

12. Find out which part of the sentence has an error.

If we have faith in Almighty / everything will turn out / to be alright / and safe  
(A) (B) (C) (D)

13. Choose the most suitable phrase to replace the italicized part of the sentence given below.  
Kalidas was the greatest of *all other* dramatists.

- (A) most other (B) the other  
(C) any other (D) all the

14. Select an arrangement of the given letters so that it forms a meaningful word.

C E L S M U

1 2 3 4 5 6

- (A) 5 6 4 1 3 2 (B) 1 3 5 2 6 4  
(C) 2 4 6 3 5 1 (D) 5 6 1 2 3 4

15. Select the **correctly** spelt word.

- (A) Aliennate (B) Allienate  
(C) Alienate (D) Alienatte

GENERAL KNOWLEDGE

16. The deepest under-sea trench in the world is
 

(A) Mariana trench	(B) Tonga trench
(C) Challenger Deep	(D) Galathea Depth
  
17. 'World Wide Web' was invented by
 

(A) Bill Gates	(B) Timm Berners Lee
(C) E. W. Dijkstra	(D) Charles Babbage
  
18. Who among the following appoints the Chief Justice of India ?
 

(A) Prime minister	(B) Speaker of Lok Sabha
(C) President	(D) Speaker of Rajya Sabha
  
19. Who presents the Union Budget of India ?
 

(A) President	(B) Vice President
(C) Prime minister	(D) Finance minister
  
20. For the first time in the world, which country has recently appointed a 'Suicide Prevention Minister' ?
 

(A) India	(B) United Kingdom
(C) U.S.A.	(D) China
  
21. Where is Bellandur lake, recently in news for pollution, located ?
 

(A) Hyderabad	(B) Chennai
(C) Bangalore	(D) Ahmedabad
  
22. 'Jungle Book' was written by
 

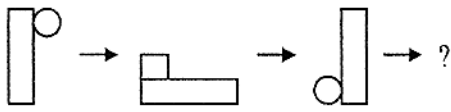
(A) Satyajit Ray	(B) Anita Desai
(C) Charles Dickens	(D) Rudyard Kipling
  
23. What is the new official name of the city 'Allahabad' ?
 

(A) Prayagraj	(B) Sarabhai Nagar
(C) Yamuna Nagar	(D) Sangampuri

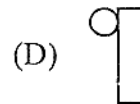
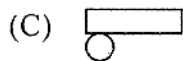
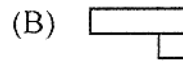
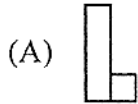
24. Who among the following reached South Pole first ?  
(A) Thomas Jefferson (B) Ronald Amundsen  
(C) Robert E. Peary (D) Mathew Henson
25. Which one of the following countries is known as the 'Land of Midnight Sun' ?  
(A) England (B) Japan  
(C) Norway (D) Sweden
26. Who among the following was the first Pakistani to receive the Nobel Prize ?  
(A) Imran Khan (B) Benazir Bhutto  
(C) Nawaz Sharif (D) Abdul Salam
27. Which of the following is the nick name of New York City ?  
(A) Big Apple (B) City of Music  
(C) Land of Cakes (D) Vanilla Land
28. Second world war ended with the defeat of Germany in the year of  
(A) 1925 (B) 1965  
(C) 1945 (D) 1955
29. Monosodium glutamate is commonly known as  
(A) Baking powder (B) Table salt  
(C) Vinegar (D) Ajinomoto
30. Which one of the following is the largest gland in human body ?  
(A) Heart (B) Liver  
(C) Appendix (D) Stomach

LOGICAL REASONING

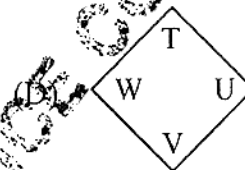
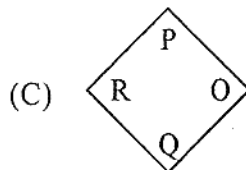
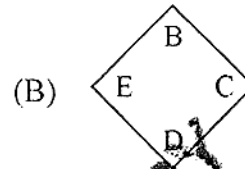
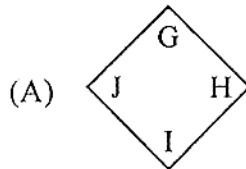
31. Select the right option that will replace the question mark and continue the pattern



Choose the right option



32. Which of the following figures does not belong to the series ?



33. Find the missing letter in the series.

A D I P ?

(A) R

(B) T

(C) U

(D) Y

34. Find the missing pair of letters in the series.

AY BZ CW ??

(A) DX

(B) DV

(C) EF

(D) MN



35. Find the missing number.

7	21	8
17	?	5
12	1	23

- (A) 18 (B) 3  
(C) 14 (D) 13

36. Find the set of numbers that does not belong to the same category as others.

- (A) 3, 7, 5, 11 (B) 11, 23, 19, 17  
(C) 3, 11, 13, 7 (D) 4, 6, 7, 13

37. Find the odd one out.

- (A) April (B) May  
(C) July (D) August

38. Find the right option below where the two given words have the same relationship as, 'LIGHT – CANDLE'

- (A) Exercise – Strength (B) Power – Battery  
(C) Dieting – Overweight (D) Car – Engine

39. If 'HJSM' means 'GIRL', what does 'RNES' mean ?

- (A) BOYS (B) TOYS  
(C) SOFT (D) HARD

40. Choose the right option which will complete the first word and begin the second word.

EX ( ) ACLE

- (A) pert (B) pect  
(C) pire (D) tent

## ELEMENTARY MATHEMATICS

41. Which is the smallest perfect square number exactly divisible by 4, 5, 6 and 9 ?
- (A) 180 (B) 900  
(C) 1089 (D) 1600
42. The average of 4 consecutive integers is  $x$ . If the next integer is also included the average will become
- (A)  $x + 0.5$  (B)  $x + 1$   
(C)  $x + 4$  (D)  $x - 1$
43. Find the largest number so that when it divides 258 and 598, a remainder 13 is left in both cases.
- (A) 140 (B) 656  
(C) 35 (D) 102684
44. When a train runs with an average speed of 60 km/h it reaches its destination in time. If it runs with an average speed of 70 km/h, it reaches half an hour earlier. What is the distance of the destination ?
- (A) 180 km (B) 35 km  
(C) 130 km (D) 210 km
45. The ratio between the father's age and son's age is 3:1 and that between the son's age and the mother's age is 1:2. What is the ratio between the father's age and the mother's age ?
- (A) 6 : 1 (B) 2 : 3  
(C) 5 : 1 (D) 3 : 2

46. A fruit seller buys 100 bananas at ₹ 5 per piece. He first sells half of them at ₹ 6 per piece. At what minimum rate must he sell the remaining bananas so as to make an overall profit of at least 10% ?
- (A) ₹ 5 per piece (B) ₹ 4 per piece  
(C) ₹ 6 per piece (D) ₹ 5.50 per piece
47. The ratio of average speeds of three cars is 2:5:7. If they start at the same time, what is the ratio of times taken by them to cover a certain distance ?
- (A) 7:5:2 (B) 35:14:10  
(C) 2:5:7 (D) 5:2:7
48. A retailer purchases a shirt of ₹ 500 at 20% discount and then sells it at ₹ 500. What is his percentage profit ?
- (A) 0% (B) 20%  
(C) 25% (D) 12.5%
49. A sum of money amounts to ₹ 363 in two years and ₹ 399.30 in three years at compound interest. What is the interest rate ?
- (A) 9% (B) 10%  
(C) 8% (D) 11%
50. Five men or seven boys can dig a well in sixty days. If five men and five boys start the work, how many days will they take to complete it ?
- (A) 12 (B) 60  
(C) 40 (D) 35

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SPACE FOR ROUGH WORK

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