

National Institute of Speech & Hearing (NISH)

NISH Road, Sreekariyam P. O., Thiruvananthapuram 695 017

DEGREE ADMISSION COMPETENCY EXAM (DACE)

2022 - 2023

Time : 3 hours

Max.Marks : 100

Name:

Date: 25/05/2019

INSTRUCTIONS TO THE CANDIDATE

- No candidate will be allowed to enter the examination hall after half hour of the commencement of the examination. Nobody will be allowed to leave before 30 minutes.
- No unauthorized material such as books, mobile phone, calculator, paper, document or picture is allowed inside the examination hall. Bags, waist pouches are also not permitted to be brought into the examination hall.
- No candidate will be allowed to leave his/her seat without the permission of the invigilator.
- No candidate will be allowed to continue to write the examination if caught cheating. His/her answer sheet will be cancelled.
- Write each answer in the space provided.

For Office use only

Signature of the Invigilators

1.

2.

Instructions: *Answers of Section A, B and C should be written in the question paper itself.
All the questions are compulsory.*

SECTION A

Marks: 15

I Correct the errors in the following sentences and rewrite them. (15 x 1 = 15)

1. There is many leaf on the tree.

2. I have a cars and two bike.

3. The houses was painted by they.

4. The tigers is killing the deers.

5. John took an book and a orange.

6. I am talks to my Teacher.

7. We are gone to Delhi last years.

8. They goes of the school.

9. Tom donot wants to clean his room.

10. I will goes to my house yesterday.

11. The boy wroted a letters.

12. japan is a developed countries .

13. The students has gone out to meat their friends.

14. Where did you lived in 2004

15. I don't never drink coffee at the morning.

SECTION B

Marks: 15

II Make sentences with the following words bringing out their meaning clearly. (15 x 1 = 15)

1. study: _____

2. beautiful: _____

3. fast: _____

4. carefully: _____

5. building: _____

6. different: _____

7. colourful: _____

8. college: _____

9. communicate: _____

10. angry: _____

11. teach: _____

12. wipe: _____

13. paper: _____

14. tasty: _____

15. garden: _____

Section C

Marks: 10

III Read the following passage and answer the questions given below in complete sentences.

Joseph and Gracy are doctors. They have two sons and a daughter. Their elder son is Tom and younger son is John. Their daughter's name is Sophia. They were living in a small house in the city. The children wanted to live in a big house. So Joseph built his new house in a village. The house was very big and the children were very happy. It was red in colour. There were many trees and most of them were fruit trees. There were many mango trees.

Joseph's daughter loved mangoes very much. There was a garden near the house. It was full of flowers. All the flowers near the gate were yellow in colour. Gracy loved yellow flowers and she was very happy when she saw the yellow flowers.

1. Where did Joseph build his new house ? (1)

2. Which fruit did Joseph's daughter love? (1)

3. How many children did Joseph and Gracy have? (1)

4. What were there in the garden? (1)

5. What is Joseph and Gracy's profession? (1)

6. Were the children happy seeing the big house? (1)

7. What was the colour of the flowers near the gate? (1)

8. Why did Gracy become happy? (1)

9. What was the colour of the house? (1)

10. Who is the elder son of Joseph and Gracy?

(1)

SPACE FOR ROUGH WORK

PART A

I. Fill in the blanks

(10 x 1 mark = 10 Marks)

1. Place value of 7 in 75930 is _____ **Ans:** _____

2. Successor of 225 is _____ **Ans:** _____

3. Greatest 5-digit number is _____ **Ans:** _____

4. $219 + 0 =$ _____ **Ans:** _____

5. $134 \times$ _____ $= 0$ **Ans:** _____

6. $792 \times$ _____ $= 29 \times 792$ **Ans:** _____

7. $\frac{5}{9} = \frac{?}{45}$ **Ans:** _____

8. $2^3 =$ _____ **Ans:** _____

9. $4 - 5 =$ _____ **Ans:** _____

10. $y + y + y =$ _____ **Ans:** _____

II. Choose the correct answer

(10 x 1 mark = 10 Marks)

11. $3612 \div 10 =$ _____

- (a) 361.2 (b) 3.612 (c) 0.3612 (d) None of these

Ans: _____

12. $38 \times 7 =$ _____

- (a) 266 (b) 277 (c) 285 (d) None of these

Ans: _____

13. 38592 _____ 90000

- (a) > (b) < (c) = (d) None of these

Ans: _____

14. $(4 \times 5) \div 5 =$ _____

- (a) 1 (b) 0 (c) 4 (d) None of these

Ans: _____

15. $\frac{8}{10} =$ _____

- (a) 0.08 (b) 0.8 (c) 8.0 (d) None of these

Ans: _____

16. $500 + 20 + 4 + \frac{3}{10} + \frac{7}{1000} =$ _____

- (a) 524.037 (b) 524.307 (c) 5204.37 (d) None of these

Ans: _____

17. $2.53 \times 1000 =$ _____

- (a) 2530 (b) 25.3 (c) 253 (d) None of these

Ans: _____

18. Smallest Natural number = _____

- (a) 1 (b) -1 (c) 2 (d) None of these

Ans: _____

19. $10 \div 4 =$ _____

- (a) 2 (b) 2.05 (c) 2.005 (d) None of these

Ans: _____

20. 25% of 100 is _____

- (a) 20 (b) 30 (c) 25 (d) None of these

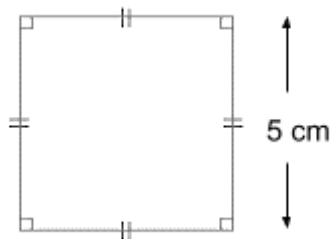
Ans: _____

PART B

III. Answer all questions

(7 x 2 Marks = 14 Marks)

21. Find Area? (വിസ്തീർണ്ണം കണ്ടുപിടിക്കുക)



Ans:

22. $85,70,392 - 74,95,287 =$ _____

Ans:

23. Evaluate $26 - 3 \times 5 + 4$

Ans:

24. $\frac{4}{5} + \frac{5}{10} =$ _____

Ans:

25. $4^5 \times 4^6 =$ _____

Ans:

26. Find the LCM of 4, 6 and 8

Ans:

27. Solve for x , $3x + 5 = 4$

Ans:

PART C

IV. **Answer all questions**

(2 x 3 Marks = 6 Marks)

28. Evaluate $15 \div 3 \times 7 + 14 - 3 \times (1+5)$

Ans:

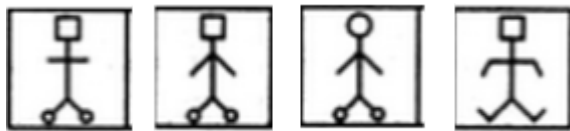
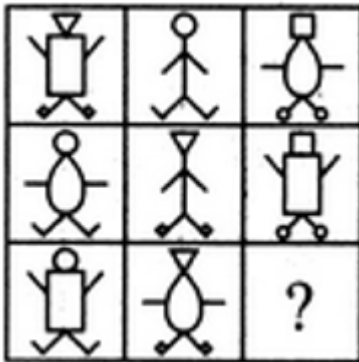
29. Find $\frac{9}{15} + \frac{7}{20} - \frac{3}{25}$

Ans:

SPACE FOR ROUGH WORK

SECTION A

1)



Ans :-

A) B) C) D)

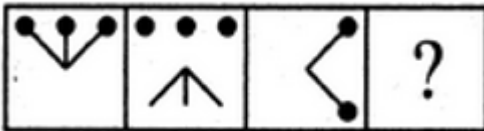
2)

8	7	6	5
?			
6	5	4	3
5	4	3	2

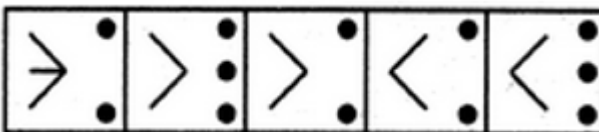
A) 8765 B) 7654 C) 6578 D) 5678 **Ans :-**

.....

3) Problem figures:-



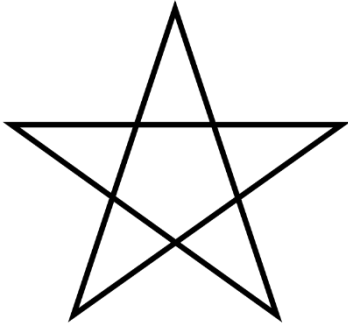
Answer figures:-



Ans :-
.....

A) B) C) D) E)

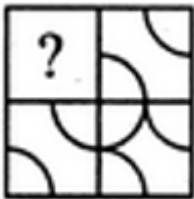
4) Number of triangles?



- A) 5 B) 8 C) 9 D) 10

Ans :-

5)



A)



B)



C)



D)

Ans :-

SECTION B

6) F2, __, D8, C16, B32, ...

- A) A16 B) G4 C) E4 D) E3

Ans :-

7) 3, 6, 9, __, __, 18

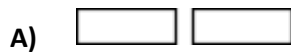
- A) 12, 14 B) 10, 14 C) 12, 15 D) 12, 16

Ans :-

8) 8 , 12, 9, 13 , 10, 14 , 11

- A) 14 , 11 B) 15,12 C) 8,15 D) 15,19

Ans :-



B)



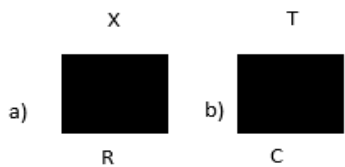
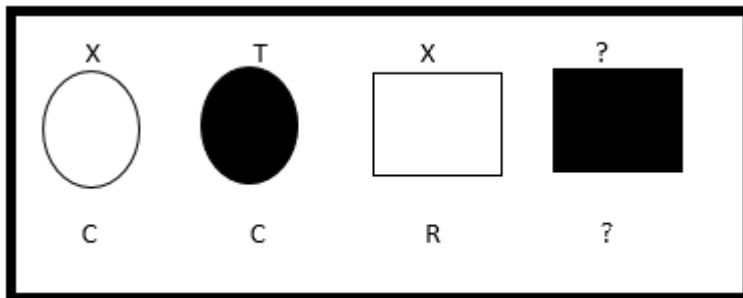
Ans :-

10) B2CD, _____, BCD4, B5CD, BC6D

- A) B2C2D B) BC3D C) B2C3D D) BCD7

Ans :-

11)







Ans :-

12) 'ANIMALS' = 'SLAMINA'. 'ONLINE' =?

- A) ENILNO B) OLINEN C) LNOINE D) NNLOIE **Ans :-**

13)



- A.  B. 
- C.  D. 

Ans :-

14) (1) '134' = 'you are well'
(2) '738' = 'they are home'
(3) '859' = ' we go home'
'they' = ?

- A) 5 B) 7 C) 3 D) 2 **Ans :-**

15) If OPTICAL= 76 and OPTICIAN= 86, GLASSES =?

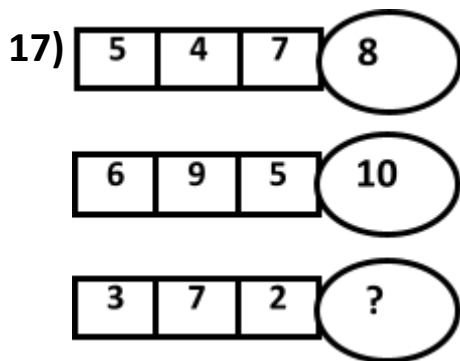
- A) 80 B) 82 C) 84 D) 86 **Ans :-**

SECTION C

16) MISD KUMP GOTH = MERRY CHRISTMAS DAD.
 GOTH WUIM FREK KUMP = DAD IS MERRY TODAY.
 KOMP WUIM FREK KUMP = MUM IS MERRY TODAY.
 CHRISTMAS = ?

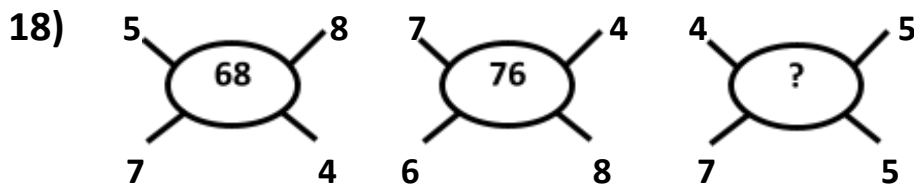
A) MISD B) GOTH C) KUMP D) WUIM E) FREK

Ans :-



A) 1 B) 4 C) 3 D) 6

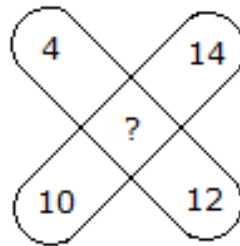
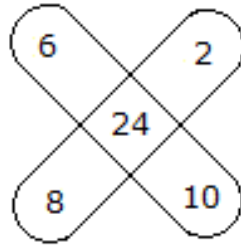
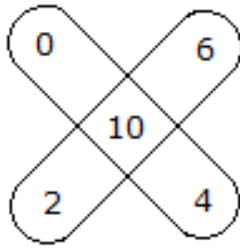
Ans :-



A) 17 B) 30 C) 55 D) 40

Ans :-

19)



A) 36 B) 48 C) 38 D) 30

Ans :-

20) If A = 26, Z=1, SUN = 27, then CAT =?

A) 24 B) 57 C) 32 D) 120

Ans :-

SPACE FOR ROUGH WORK