

# National Institute of Speech & Hearing (NISH)

Sreekariyam PO, Trivandrum- 695017

## DEGREE ADMISSION COMPETENCY EXAMINATION DACE 2023-24

Date: 07/07/2023

Hall Ticket No: DEGREE(HI)/\_\_\_\_\_/23

### INSTRUCTIONS TO THE CANDIDATE

- No candidate will be allowed to enter the examination hall after half an hour of the commencement of the examination. Nobody will be allowed to leave before 30 minutes.
- No unauthorised material such as books, mobile phones, calculators, paper, documents or pictures is allowed inside the examination hall. Bags, waist pouches, etc., 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.
- All answers should be written in the space provided in the question booklet itself.

*For office use only*

Subject	Marks Scored	Max. Mark
ENGLISH		40
MATHEMATICS		40
LOGICAL REASONING		20
<b>Total</b>		<b>100</b>

**Signature of the Invigilators**

1. \_\_\_\_\_

2. \_\_\_\_\_

**SPACE FOR ROUGH WORK**

**PAPER I: ENGLISH***For office use only*

Qn.No.	E1	E2	Qn.No.	E1	E2	Qn.No.	E1	E2
1			16			31		
2			17			32		
3			18			33		
4			19			34		
5			20			35		
6			21			36		
7			22			37		
8			23			38		
9			24			39		
10			25			40		
11			26					
12			27					
13			28					
14			29					
15			30					
<b>Marks scored</b>								
<b>Maximum Marks</b>								<b>40</b>

Signature of the Evaluators (E1 &amp; E2)

**E1**  
Signature: \_\_\_\_\_

**E2**  
Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

(Instructions: All the questions in Section A, Section B and Section C are compulsory.)

SECTION A

Max. Marks: 15

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

1. Raju are a honest man.

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2. Balu is eat a apple.

---

3. A oranges is orange in colour.

---

4. The class start yesterday on 10 am.

---

5. I have an black dog. It tail is white.

---

6. Suma is my sister. He is a nurses.

---

7. Arun lives with him friends at Delhi.

---

8. Ram have been work in this office since January.

---

9. Meena is a wonderfully girl. She has many beautiful doll.

---

10. This are my new shoes?

---

11. We does our homework in the night.

---

12. Raju is our frnd. We are go to his house.

---

13. What can i do for you.

---

14. Anvi liken to have juice on the new shop.

---

15. I go school with me father.

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**SECTION B**

**Max. Marks: 15**

**II. Make sentences bringing out the meaning of the words clearly. (1 x 15 = 15 marks)**

16. cheerfully: \_\_\_\_\_  
\_\_\_\_\_

17. furniture: \_\_\_\_\_  
\_\_\_\_\_

18. jeep: \_\_\_\_\_  
\_\_\_\_\_

19. before: \_\_\_\_\_  
\_\_\_\_\_

20. green: \_\_\_\_\_  
\_\_\_\_\_

21. angry: \_\_\_\_\_  
\_\_\_\_\_

22. under: \_\_\_\_\_  
\_\_\_\_\_

23. well: \_\_\_\_\_  
\_\_\_\_\_

24. encourage: \_\_\_\_\_  
\_\_\_\_\_

25. second: \_\_\_\_\_  
\_\_\_\_\_

26. river: \_\_\_\_\_  
\_\_\_\_\_

27. arrange: \_\_\_\_\_  
\_\_\_\_\_

28. began: \_\_\_\_\_  
\_\_\_\_\_

29. pack: \_\_\_\_\_  
\_\_\_\_\_

30. customer: \_\_\_\_\_  
\_\_\_\_\_

SECTION C

Max. Marks: 10

**III. Read the following passage and answer the questions given below in complete sentences.**  
Lali and Arya are best friends. They decided to join the same college after the twelfth standard. They liked to join B.Sc. Computer Science. Lali asked her brothers to enquire about good colleges in Kerala to do a B.Sc. in Computer Science. Lali's brother, Balu, told her that the best college offering the course was in Trivandrum. Trivandrum was too far from her hometown, so their parents did not agree to send her to Trivandrum. Lali's aunt, Radha, wanted her to study in Trivandrum. Radha had worked in Trivandrum two years ago, so she had many friends there. She contacted her best friend, Maya who was settled there. Maya stayed near the college, and so she said that the two girls could stay with her there. Finally, Lali's parents agreed to send their daughter to Trivandrum. They talked with Arya's parents and they also decided to send their daughter to Trivandrum.

31. Who is Radha? Where did she work two years ago? **(2 marks)**

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32. Who suggested the best college? Where was that college? **(2 marks)**

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33. Who is Maya? Where did she stay? **(2 marks)**

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34. Why didn't Lali's parents agree to send her to Trivandrum? **(2 marks)**

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35. Who talked with Aryas's parents? Did they decide to send their daughter to Trivandrum in the end? **(2 marks)**

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**PAPER II: MATHEMATICS**

*For office use only*

Qn.No.	E1	E2	Qn.No.	E1	E2	Qn.No.	E1	E2
1			16			31		
2			17			32		
3			18			33		
4			19			34		
5			20			35		
6			21			36		
7			22			37		
8			23			38		
9			24			39		
10			25			40		
11			26					
12			27					
13			28					
14			29					
15			30					
<b>Marks scored</b>								
<b>Maximum Marks</b>								<b>40</b>

Signature of the Evaluators (E1 & E2)

**E1**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**E2**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**PART A**

**I. Fill in the blanks.**

(10 x 1 = 10 marks)

1.  $y \times y \times y \times y \times y =$  \_\_\_\_\_ *Ans:* \_\_\_\_\_
2.  $-10 + 23 =$  \_\_\_\_\_ *Ans:* \_\_\_\_\_
3.  $325 \div 5 =$  \_\_\_\_\_ *Ans:* \_\_\_\_\_
4.  $3^2 =$  \_\_\_\_\_ *Ans:* \_\_\_\_\_
5.  $13 \times$  \_\_\_\_\_  $= 0$  *Ans:* \_\_\_\_\_
6.  $2563 + 369 =$  \_\_\_\_\_ *Ans:* \_\_\_\_\_
7.  $412 \times 31 =$  \_\_\_\_\_ *Ans:* \_\_\_\_\_
8. Smallest even number is \_\_\_\_\_ *Ans:* \_\_\_\_\_
9.  $3x + 2x =$  \_\_\_\_\_ *Ans:* \_\_\_\_\_
10.  $\frac{1}{2} + \frac{3}{2} =$  \_\_\_\_\_ *Ans:* \_\_\_\_\_

**II. Choose the correct answer.**

(10 x 1 = 10 marks)

11.  $4,15,158 \div 10,000 =$  \_\_\_\_\_  
(a) 4.15158 (b) 415.158 (c) 41.5158 (d) None of these  
*Ans:* \_\_\_\_\_
12.  $\frac{9}{10} =$  \_\_\_\_\_  
(a) 0.09 (b) 0.9 (c) 9.0 (d) None of these  
*Ans:* \_\_\_\_\_
13. If  $x = 1$ , then  $x + 5 =$  \_\_\_\_\_  
(a) 5 (b) 6 (c) 0 (d) None of these  
*Ans:* \_\_\_\_\_
14.  $2459 + 0 =$  \_\_\_\_\_  
(a) 2459 (b) 0 (c) -2459 (d) None of these  
*Ans:* \_\_\_\_\_
15.  $2754 \times 8039 = 8039 \times$  \_\_\_\_\_  
(a) 2754 (b) 8039 (c) 0 (d) None of these  
*Ans:* \_\_\_\_\_
16.  $82754380 - 10817593 =$  \_\_\_\_\_  
(a) 4,26,24,147 (b) 4,24,26,24147 (c) 71,936,787 (d) None of these  
*Ans:* \_\_\_\_\_
17.  $26 - 3 \times 5 + 4 =$  \_\_\_\_\_  
(a) 20 (b) 17 (c) 15 (d) None of these  
*Ans:* \_\_\_\_\_



18.  $-5 \times 3 =$  \_\_\_\_\_  
 (a) 15            (b) -15            (c) 8            (d) None of these

*Ans:* \_\_\_\_\_

19.  $1200 + 80 + 0.03 + 0.004 =$   
 (a) 128.0034    (b) 1280.034    (c) 12800.34    (d) None of these

*Ans:* \_\_\_\_\_

20.  $1.5 \times 3 =$  \_\_\_\_\_  
 (a) 4.5            (b) 45.0            (c) 0.45            (d) None of these

*Ans:* \_\_\_\_\_

### PART B

#### III. Answer all questions.

(7 x 2 = 14 marks)

21. Find the area of the triangle given. (വിസ്തീർണ്ണം കണ്ടുപിടിക്കുക.)



*Ans:* \_\_\_\_\_

22. If  $3^n = 27$ , then  $n =$  \_\_\_\_\_

*Ans:* \_\_\_\_\_

23. Find LCM of 10, 12 and 14

*Ans:* \_\_\_\_\_

24.  $\frac{6}{5} + \frac{4}{3} =$  \_\_\_\_\_

*Ans:* \_\_\_\_\_

25. Find  $x$ , if  $5x + 3 = 18$

*Ans:* \_\_\_\_\_

26. Evaluate  $5 \times (2 + 3 \times 5) - 34$

*Ans:* \_\_\_\_\_

27. Find  $10.001 - 2.35 + 5.96 - 1.5$

*Ans:* \_\_\_\_\_

### PART C

IV. Answer all questions.

(2 x 3 = 6 marks)

28. Find  $\frac{2}{3} \times \left(\frac{3}{4} - \frac{1}{8}\right)$

*Ans:* \_\_\_\_\_

29. Find  $(2^4 \times 2^5) \div 2^3$

*Ans:* \_\_\_\_\_

**SPACE FOR ROUGH WORK**

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**PAPER III: LOGICAL REASONING**

*For office use only.*

Qn.No.	E1	E2	Qn.No.	E1	E2	Qn.No.	E1	E2
1			1			1		
2			2			2		
3			3			3		
4			4			4		
5			5			5		
6			6			6		
7			7			7		
8			8			8		
9			9			9		
10			10			10		
11								
12								
13								
14								
15								
<b>Marks scored</b>								
<b>Maximum Marks</b>								<b>20</b>

Signature of the Evaluators (E1 & E2)

**E1**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**E2**

Signature: \_\_\_\_\_

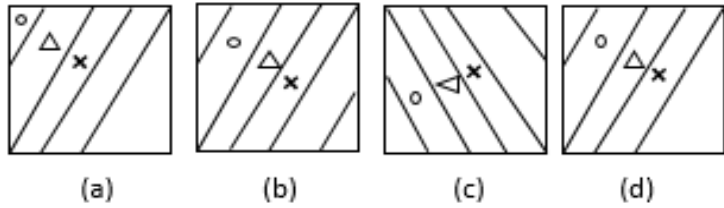
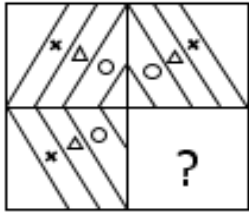
Name: \_\_\_\_\_

**PART A**

No.	QUESTION	ANSWER
1	4, 9, 16, 25, ____	
2	240, 120, 60, 30, ____	
3	44, 51, 57, 62, ____	
4	258, 130, 66, 34, 18, ____, 6	
5	AZ, BY, CX, ____	
6	BXF, DVI, FTL, HRO, ____	
7	BFG, HLM, NRS, ____	
8	a b _ d _ _ b _ d m _ _ x _ _	
9	mok dan sil = nice big house, fik kon dan = house is good, warm fik tik = cost is high, good = _____	
10	LOAD = MPBE, DRIVE = ESJWF, LADDER = _____	
11	ENGLAND = 1234526, FRANCE = 785291, GREECE = _____	
12	BLUE = YOFV, MZEB = _____	

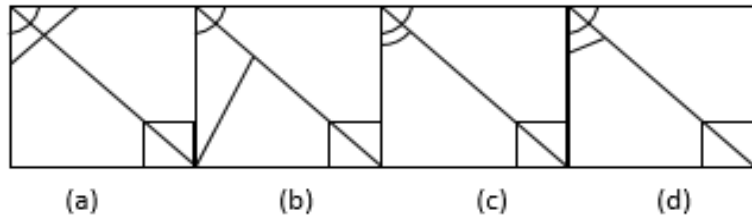
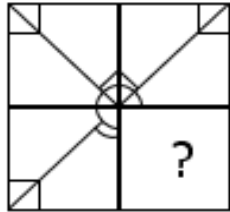
**PART B**

1.



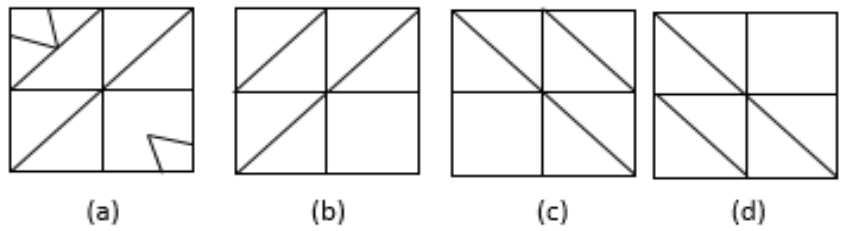
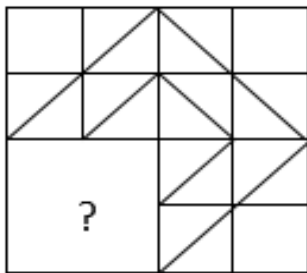
Ans.: \_\_\_\_\_

2.



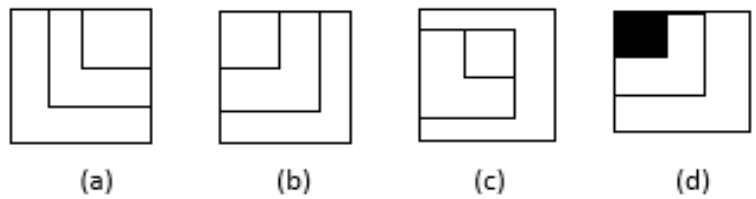
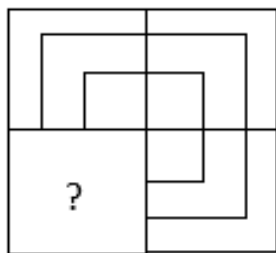
Ans.: \_\_\_\_\_

3.



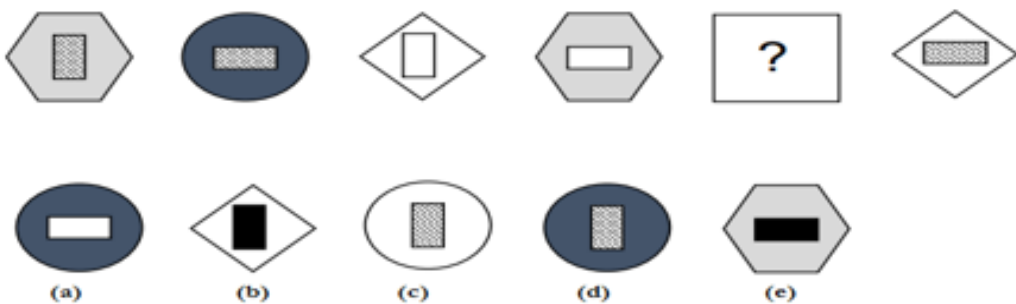
Ans.: \_\_\_\_\_

4.



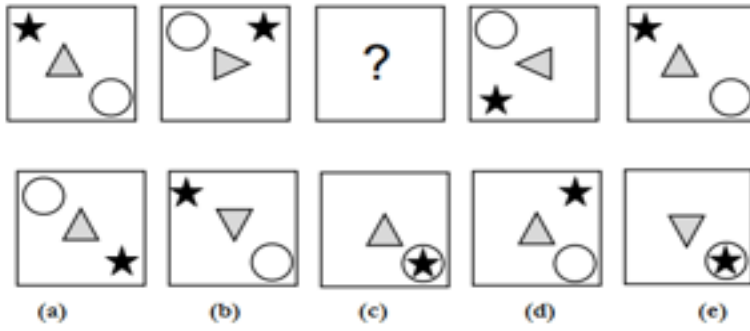
Ans.: \_\_\_\_\_

5.



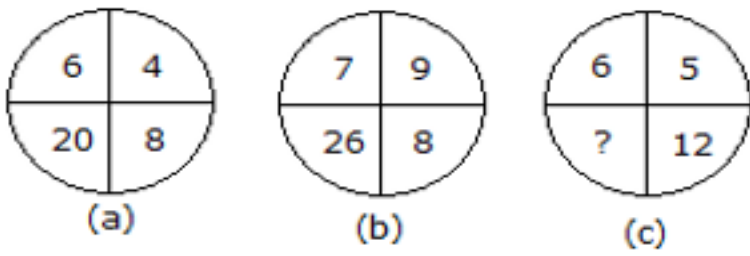
Ans.: \_\_\_\_\_

6.



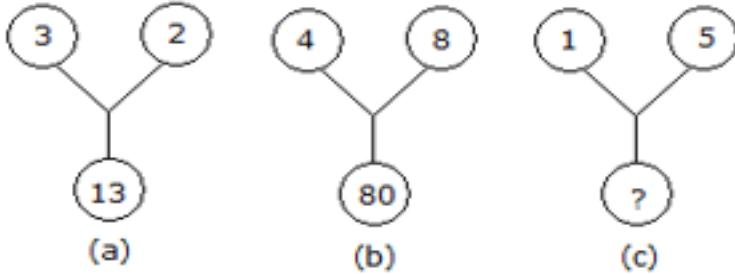
Ans.: \_\_\_\_\_

7.



Ans.: \_\_\_\_\_

8.



Ans.: \_\_\_\_\_





**SPACE FOR ROUGH WORK**