



VELAMMAL NEXUS

MUGAPPAIR (MAIN CAMPUS) | MEL AYANAMBAKKAM | ANNEXURE | PARUTHIPATTU
ALAPAKKAM | WEST | AVADI | KARAMBAKKAM | POONAMALLEE | MANGADU | VANAGARAM

EXAM DATE

3-2-2024

EXAM TIME

10 AM TO 12 NOON

I - QUEST'24

SAMPLE QUESTION PAPER : CLASS V

EXCITING CASH AWARDS UPTO

Rs. 3 LAKHS



Students to register for
I-QUEST-24 by
scanning the QR code

VELAMMAL NEXUS

1-QUEST'24

I – Quest '24 is a talent search exam is opened to Class – V, Class – VI to VIII Foundation and Non Foundation students of Velammal Nexus Schools. It exposes the students for competitive exam based on 21st century skills. This exam is scheduled in the month of February.

This sample question paper will give a clarity on topology of the exam.

Students can solve sample paper during the Pongal holidays.

Solving the sample question paper will give hands on experience and increase the confidence of the students to face the final exam.

Students can seek parents help to solve the questions.

Similar questions will reflect in the final paper.

Answer key will be displayed in the class on 18-01-2024. Children can verify the same.

Completed question paper to be submitted to the class teacher on 18-01-2024.

Prepare well for I – Quest '24 exam and grab attractive prizes and cash awards.

GENERAL INSTRUCTIONS FOR THE FINAL EXAM (1-QUEST'24)

Mode of I – QUEST question paper	Candidates will be given an OMR sheet to mark the answers with a black or blue ballpoint pen
Duration of the exam	2 hours
Question Type	Multiple choice questions
Total number of questions	The question paper consists of 50 questions and it is divided into three sections A, B, and C. (Maths, Science & Reasoning) Candidates will have to answer all 50 questions
Total marks	200 Marks
Marking scheme	<ul style="list-style-type: none">• 4 marks will be awarded for each correct answer• No marks for unanswered question

MATHEMATICS

1. Using all the given digits, form the greatest possible 7 – digit even number, if repetition of digits is allowed.



- a) 9830000 b) 9998830 c) 9988330 d) 9999830
2. Which of the following options is CORRECT for the fraction of shaded parts in figures I and II?

a) $I > II$

b) $II > I$

c) $I = II$

d) Can't be determined



Figure I

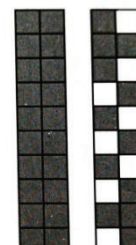


Figure II

3. The given clocks show the time when a movie started and ended. How long was the movie ?

a) 2 hrs 17 mins

b) 2 hrs 20 mins

c) 1 hr 55 mins

d) 3 hrs 22 mins



Movie started



Movie ended

4. Subtract 65 minutes from the sum of 145 minutes and 1 hour 20 minutes. The answer is

a) 165 mins b) 2 hrs 40 mins c) 215 mins d) 3 hrs 40 mins

5. Find P, Q, R and S in the given statements.

(i) Commas are inserted in a number after each P.

(ii) Place value of a digit becomes Q times as it moves from ten's place to thousand's place.

(iii) There is no Roman numeral to represent R.

(iv) $100 + 100 + 100$ in Roman numerals is written as S.

	P	Q	R	S
a)	Digit	100	0	CCC
b)	Digit	10	100	XXX
c)	Period	1000	10	MMM
d)	Period	100	0	CCC

6. What is the difference in the place value of the digits 8 and 6 in the numeral 8962321 ?

a) 7994000

b) 7904000

c) 7960000

d) 7940000

14. Roshan asked a question to Shruthi.

“ Multiply the second multiple of 12 by the 3rd multiple of 8”.

Help her in solving the question. The correct result is _____

- a) 48 b) 96 c) 192 d) 576

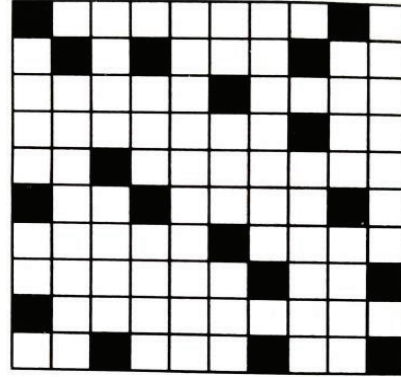
15. How many more unit squares must be shaded in order to have $\frac{1}{4}$ of the figure shaded ?

a) 7

b) 8

c) 18

d) 25



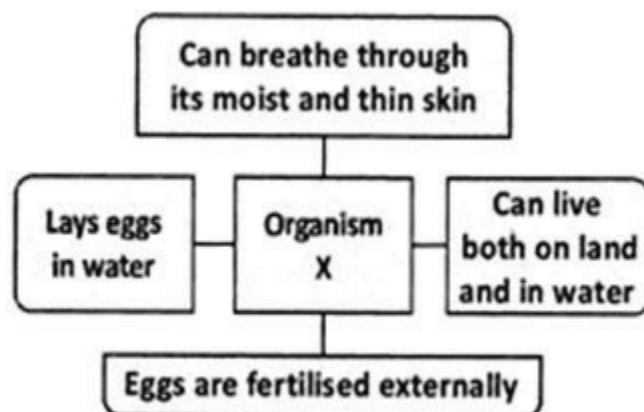
SCIENCE

16. What is the adaptation by which a grasshopper protects itself from being eaten by its predator?

- a) It tastes bad
b) It can crawl away quickly
c) It can camouflage itself in the grass
d) It has a poisonous sting

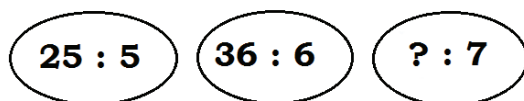
17. Read the concept map given below.

Which of the following can organism X be?

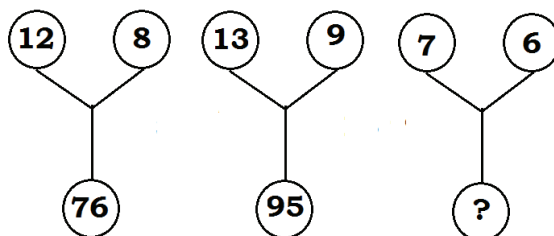


REASONING

26. Select the number from the options that will complete the given series.
20, 19, 17, ?, 10, 5
a) 12 b) 13 c) 14 d) 15
27. Find the missing number, if same rule is followed in all the three figures.



- a) 49 b) 37 c) 50 d) 94
28. Select the odd one out.
a) Lion b) Cat c) Rabbit d) Fox
29. If 'Chocolate' means 'Toffee', 'Toffee' means 'Cake' and 'Cake' means 'Butter', then what is cut on birthday ?
a) Cake b) Butter c) Toffee d) Chocolate
30. Find the missing number, if same rule is followed in all the three figures.



- a) 12 b) 32 c) 18 d) 29

SYLLABUS FOR THE I -QUEST EXAM ON 03 -02-2024

MATHEMATICS	SCIENCE	REASONING
NUMBER MORE THAN ONE MILLION	PLANTS AND ANIMALS AND THEIR ADAPTATIONS	SERIES
ARITHMETIC OPERATIONS	REPRODUCTION IN PLANTS	ANALOGY
FACTORS AND MULTIPLES	HUMAN BODY SYTSTEM AND CARE OF SENSE ORGANS	CLASSIFICATION
FRACTIONS	FOOD AND NUTRITION	SEQUENCING
VOLUMES, NET AND SYMMETRY	SAFETY AND FIRST AID	ALPHABET TEST
BILLS	FORCE, WORK, LIGHT AND SOUND	CODE MESSAGES
DATA HANDLING	NON COMMUNICABLE AND COMMUNICABLE DISEASES	MATHEMATICAL OPERATIONS
METRIC MEASURES	ENVIRONMENTAL SANITATION	FRACTIONS
TIME	NATURAL RESOURCES	-

VELAMMAL NEXUS**I-QUEST ' 24****OMR SHEET****MATHEMATICS**

1	(a)	(b)	(c)	(d)
2	(a)	(b)	(c)	(d)
3	(a)	(b)	(c)	(d)
4	(a)	(b)	(c)	(d)
5	(a)	(b)	(c)	(d)
6	(a)	(b)	(c)	(d)
7	(a)	(b)	(c)	(d)
8	(a)	(b)	(c)	(d)
9	(a)	(b)	(c)	(d)
10	(a)	(b)	(c)	(d)
11	(a)	(b)	(c)	(d)
12	(a)	(b)	(c)	(d)
13	(a)	(b)	(c)	(d)
14	(a)	(b)	(c)	(d)
15	(a)	(b)	(c)	(d)

SCIENCE

16	(a)	(b)	(c)	(d)
17	(a)	(b)	(c)	(d)
18	(a)	(b)	(c)	(d)
19	(a)	(b)	(c)	(d)
20	(a)	(b)	(c)	(d)
21	(a)	(b)	(c)	(d)
22	(a)	(b)	(c)	(d)
23	(a)	(b)	(c)	(d)
24	(a)	(b)	(c)	(d)
25	(a)	(b)	(c)	(d)

REASONING

25	(a)	(b)	(c)	(d)
26	(a)	(b)	(c)	(d)
27	(a)	(b)	(c)	(d)
28	(a)	(b)	(c)	(d)
29	(a)	(b)	(c)	(d)
30	(a)	(b)	(c)	(d)

**INSTRUCTIONS FOR MARKING
OMR SHEET**

1. Use only blue or black ball point pen
2. Circle should be darkened completely and properly
3. Cutting and erasing on the sheet are not allowed
4. Sheet should not be folded or crushed.
5. Don't use marker or white fluid to hide the marking.

CORRECT METHOD ○ ○ ● ○

WRONG METHODS ✕ ○ ✓ ○

Candidate Signature