

MODEL PAPER FOR ADMISSION TO CLASS PRE O LEVEL

(ENGLISH)

Multiple Choice Questions (MCQ's)

Q. (1) MARK THE CORRECT RESPONSE:

[30]

1. If it _____, we will not be able to get home.
A) rains B) will rain C) rained D) if it had rained
2. My mother _____ meat from the butcher once a week.
A) is buying B) has bought C) buys D) will have bought
3. If I had taken part, I _____ the prize.
A) had won B) would have won C) would be winning D) shall win
4. Did luke _____ in the marathon last Sunday?
A) run B) ran C) running D) runned
5. He promised to himself that he _____ study harder in future.
A) will B) would C) could D) might
6. When I was in school, I used to _____ very fast.
A) ran B) run C) running D) be running
7. One of my family members _____ arriving from abroad next week.
A) will B) is C) are D) was
8. Unless I prepare very well, I _____ in exam.
A) will not succeed B) will succeed C) may succeed D) can succeed
9. They played hockey last Saturday, _____ they?
A) don't B) didn't C) does D) did
10. You won't leave me here all alone, _____ you?
A) will B) won't C) can't D) can
11. Use of official _____ for personal letters is discouraged by the chief clerk.
A) stationery B) stationary C) stationry D) stationaries
12. This special _____ has all the good things we need.
A) sale B) sail C) sell D) cell
13. They have chosen a beautiful _____ for the location of the new airport.
A) sight B) site C) cite D) scene
14. He got _____ a good reference from his old supervisor and got the new job in Texas.
A) quite B) quiet C) quit D) quiete
15. My sister and _____ may return on Monday.
A) I B) mine C) me D) my
16. I apologized to the man _____ was chased by my dog.
A) which B) that C) who D) whom
17. There aren't _____ biscuits left. I just ate the last one!
A) any B) many C) much D) some
18. The maid was reluctant to do her chores because she was dissatisfied with her wages.
The underlined word means:
A. willing B. unwilling C. helpless D. ashamed
19. Only transparent bags were allowed in the examination. The underlined word means:
A) see through B) Polythene C) expensive D) light in weight
20. Everyone in our group feels you are very arrogant and therefore will not invite you to the party. The underlined word means:

- A. ignorant B. stupid C. selfish D. proud
21. The incident here this evening has distressed Harry so much that he is now ill. The underlined word means:
 A. upset B. moved C. thrilled D. pestered
22. Sita's frequent visits to the library takes a great deal of her time. The underlined word means:
 A. occasional B) far C) regular D) timely
23. What do you call a book about a person's life written by himself?
 A) biography B) article C) autobiography D) report
24. If a country buys a particular item from other country, it is called:
 A) export B) donation C) support D) import
25. If I am wearing a multicolored shirt, how many colors am I wearing?
 A) One B) three C) Four D) Many
26. Make up your _____ and do what is necessary.
 A) mind B) heart C) motive D) way
27. Where there is a will, there is a _____.
 A) path B) means C) way D) road
28. After the reunion, the goat began licking its _____.
 A) calves B) cubs C) kids D) pups
29. My cousin could not win the contest _____ he made a lot of efforts.
 A) for B) because C) however D) although
30. There is only _____ water left; you will have to bring more.
 A) a little B) a few C) much D) most

(READING COMPREHENSION)

Q. 2. Read the passage below and answer the questions that follow:

[10 Marks]

Every one of us produces garbage of one kind or another. Getting rid of trash is big business. In large cities, millions of dollars are spent each year on getting rid of our garbage. Some of the garbage is thrown into the sea. Some is burnt or buried under the ground. Every year we need to find about 800,000 cubic metres of empty land just to bury the garbage. This garbage is not only expensive to get rid of but it also damages the environment in some ways. First of all, although a lot of garbage is buried in the ground, some of it gets blown about in the wind. Second, there is the problem of bad smell. Then there is the problem of rats and insects that look for food in the garbage. Also, when garbage is burnt poisonous gases are given off into the air. Another problem is that the garbage thrown into the ocean will pollute the water. Although we may not see the results of this pollution ourselves, we must consider the damage done to the environment.

- 1) How do we produce garbage? [2]
- 2) What causes poisonous gas in the atmosphere? [2]
- 3) In what ways is garbage disposed of? [2]
- 4) State TWO ways in which garbage damages the environment. [2]
- 5) Which another word in the passage means garbage? [2]

Q. 3 Change the following into SINGULAR or PLURAL:

[5]

- i) Mischief ii) Bus iii) Latch iv) Lice v) Geese

Q. 4 Give the opposite words of the following:

[5]

- i) late ii) heavy iii) interesting iv) wide v) expensive

Q. 5 Write the comparative and superlative of the following:

i) late

ii) hot

iii) modern

iv) far

v) swift

[5]

Q. 6 Fill in the blanks with suitable PREPOSITIONS:

[5]

- i. He hasn't smoked _____ many years.
- ii. I am looking _____ my keys.
- iii. They are afraid _____ losing the match.
- iv. I am going to stay _____ home this weekend.
- v. I am quite familiar _____ their culture.

Q. 7 (A) Change the following into INTERROGATIVE:

[5]

- i. He doesn't want to change his behaviour.
- ii. She wants nobody to stay unhappy.
- iii. A friend of mine wants to visit me this evening.

B) Change the VOICE of the following:

- iv. The washing machine ruined my shirt.
- v. The students are writing their English papers.

Q. 8 Put the verbs in brackets in the correct form:

[5]

- a) I _____ him at the station yesterday afternoon. (meet)
- b) He loves _____ people in trouble. (help)
- c) He doesn't like to be _____ harshly. (treat)
- d) Her mother _____ in Victoria for the past five years. (*live*)
- e) Travelling _____ much easier and more comfortable in the past hundred years. (*become*)

Q. 9 (A) Fill in the blanks with articles (a/an/the) correctly. Where there is no article required, put a cross (X) in the blank.

[5]

"I always carry ____ umbrella when it rains. Yesterday, when I was out, it began raining unexpectedly. I, immediately, found _____ shelter to avoid being wet. Also, there were _____ few more passers-by stood with me under _____ shelter. We remained there for _____ hour or so. Meanwhile, _____ man asked me if I had _____ cell phone. I nodded and handed in my phone to him. _____ man talked over _____ phone for _____ while and then returned it to me with a thankful smile."

(B) Add punctuation marks and capital letters correctly.

[5]

"long ago in Africa a poor man worked for as a farmer he complained so much that the king heard about it why are you always complaining the king asked how much hard I work I never earn extra money I shall always be poor complained the man but are you honest asked the king of course I am honest replied the man"

Q. 10 COMPOSITION: Write an essay of at least 200 words on any ONE of the following:

[20]

1. Write a narrative on: 'Something I wish I had',
OR 'When I woke up, everything was different'.
2. Write an essay on: 'The value of discipline in life'
OR 'The Importance of sports in a student's life.'

THE END

CADET COLLEGE PETARO

MODEL PAPER For Admission to CLASS-PRE -O

Time: 01 Hr

MATHEMATICS

Max. Marks: 100

SECTION-A

[80 marks]

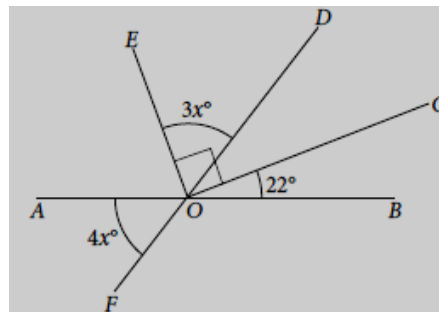
Note: Attempt all questions. Each question carries 10 marks.

1. Factorize $16x^2 - 36y^2$ completely?
2. Solve the simultaneous equations: $2x + 3y = 10$; $4x + 6y = 21$?
3. A car takes 2 hours to reach a destination by running at a speed of 60 km/hr. How long will it take when the car runs at a speed of 80 km/hr ?
4. Express 0.052 639 81 correct to 5 significant figures.
5. What must be added to $(3 - 4x + 5x^2)$ to give $(9x^2 + 11x - 13)$?
6. If $x^2 + 5x = 5$, find the value of $x(x^2 + 5x) + x^2$
7. Given that x is an odd number, find the sum of the next three consecutive odd numbers in terms of x .

OR

Given that AOB and FOD are straight lines and $\angle EOC = 90^\circ$, $\angle BOC = 22^\circ$, $\angle EOD = 3x^\circ$, and $\angle AOF = 4x^\circ$, find:

- (a) x , (b) $\angle COD$, (c) $\angle AOE$.



8. Siew Pei has a rectangular sheet of paper 84 cm by 126 cm. She needs to divide it evenly into squares, each as large as possible. Find:
 - (a) the length of the side of each square
 - (b) the total number of squares

OR

A sequence is 3, 4, 6, 10, 18,

- (a) What are the next two terms in this sequence?
- (b) Starting at 17 and counting by 7s, a student counts 17, 24 and so on. What are the 5th and 6th numbers that will be counted?

SECTION-B

[20 marks]

CHOOSE THE CORRECT ANSWERS :

- What is the speed in m/s of a car that travels 30km in 20 minutes?
A: 1500 m/s B: 150 m/s C: 90 m/s D: 540 m/s E: None of these
- Jo bought a used car for \$6000 and paid 15% deposit. How much did he still have to pay?
A: \$900 B: \$5000 C: \$4500 D: \$5100 E: None of these
- Which is the longest distance?
A: 3500cm B: 65.5m C: 75000mm D: 15.5m E: 0.1km
- If 2 fligs make a flog and 3 flogs make a flug, how many fligs in 12 flugs?
A: 72 B: 17 C: 36 D: 34 E: None of these
- Concrete is made by mixing screenings cement and sand in the ratio 3:1:15. How much sand would be needed to make 125 tonnes of concrete?
A: 27 tonnes B: 33.75 tonnes C: 45 tonnes D: 75 tonnes E: None of these
- How many students studied for 6 hours or less per week?
A: 9 B: 18 C: 15 D: 12 E: None of these
- Two six sided dice are thrown together. What is the probability that a total of 10 is thrown?
A: 1/6 B: 1/12 C: 1/2 D: 5/6 E: None of these
- Simplify the surd $3\sqrt{56}$ completely
A: $12\sqrt{14}$ B: $5\sqrt{14}$ C: $6\sqrt{14}$ D: $6\sqrt{28}$ E: None of these
- Sam bought a car valued at \$7700. One year later the car's value had decreased by $\frac{2}{7}$. What is the new value of the car?
A: \$2200 B: \$5500 C: \$9900 D: \$4400 E: None of these
- Expand and simplify $(3a - 5b)(3a + 5b)$
A: $9a - 25b$ B: $9a + 25b$ C: $2\sqrt{2}9a + 25b$ D: $2\sqrt{2}9a - 25b$ E: None of these

FILL IN THE BLANKS

- An angle that measures between 90° and 180° is called _____.
- The numbers 2,3,5,7,11,13,17..... are called _____.
- If the average of $2x$ and $4x$ is 12, then $x =$ _____.
- $\frac{1}{2}$ of 0.2 percent equals _____.
- The cost of a television set is raised from \$600 to \$624. The percentage Increase is _____.
- Dividing the sum of 4 and -6 by -2 , we obtain _____.
- The total surface area of a solid cylinder of radius 8 cm and height 14 cm is _____ cm^2 .
- If $x = y^2$, then y is called the _____ of x .
- A diagonal that passes through the origin of circle is called _____.
- The circular region of a cylinder is _____ to each other.