

This Question Paper contains 20 printed pages.

(Part - A & Part - B)

Sl.No.

0200240

013 (E)

(MAY, 2021)

(SCIENCE STREAM)

(CLASS - XII)

પ્રશ્ન પેપરનો સેટ નંબર જોની  
સામેનું વર્તુળ OMR શીટમાં  
પટ્ટ કરવાનું રહે છે.  
Set No. of Question Paper,  
circle against which is to be  
darken in OMR sheet.

02

Part - A : Time : 1 Hour / Marks : 50

Part - B : Time : 2 Hours / Marks : 50

(Part - A)

Time : 1 Hour]

[Maximum Marks : 50

**Instructions :**

- 1) There are 50 objective type (M.C.Q.) questions in Part - A and all questions are compulsory.
- 2) The questions are serially numbered from 1 to 50 and each carries 1 mark.
- 3) Read each question carefully, select proper alternative and answer in the O.M.R. sheet.
- 4) The OMR sheet is given for answering the questions. The answer of each question is represented by (A) O, (B) O, (C) O, (D) O. Darken the circle ● of the correct answer with ball-pen.
- 5) Set No. of Question Paper printed on the upper-most right side of the Question Paper is to be written in the column provided in the OMR sheet.

■ Identify the function used in the sentence:

[3]

- 1) No sooner did the child cry than mother took the child in her lap.

(A) Showing result

(B) Reporting

(C) Doer is not important

(D) Showing time

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2) Sumit used to play Table Tennis a lot when he was in the school.

- (A) Showing purpose                      (B) Condition in the past  
(C) Describing past habit              (D) Showing reason

3) Students, you should study functions very well.

- (A) Offering advice                      (B) Showing exclamation  
(C) Expressing ability                      (D) Making supposition

■ Choose the correct option to complete the sentence:

[5]

4) Shilpa exclaimed to her father \_\_\_\_\_ (Reporting)

- (A) if the artist is very creative  
(B) that the artist was very creative  
(C) that the artist is very creative  
(D) if the artist was very creative

5) Nitisha sings \_\_\_\_\_. (Making supposition)

- (A) that she is Lata Mangeshkar  
(B) as she was Lata Mangeshkar  
(C) as if she were Lata Mangeshkar  
(D) as Lata Mangeshkar

6) Our school peon works \_\_\_\_\_. (Expressing manner of action)

- (A) that the principal suggested  
(B) as the principal suggests  
(C) as per the principal's suggestions  
(D) that the principal will suggest

- 7) Pinky will buy \_\_\_\_\_. (Talking about thing in relation to something)
- (A) such a mobile phone as has better camera
- (B) a mobile phone with better camera
- ~~(C)~~ a mobile phone of her choice
- (D) a mobile phone having better camera
- 8) The way was so hilly \_\_\_\_\_. (Showing result)
- ~~(A)~~ that we will drive the car speedily
- (B) that we can't drive the car speedily
- (C) that we couldn't drive the car speedily
- (D) that we drove the car speedily

■ Select the most appropriate responses:

[4]

9) Manthan : Why should we take simple food?

Minaz : \_\_\_\_\_. (Showing purpose)

- ~~(A)~~ We eat simple food so that we can live long.
- (B) We should eat such food as is simple.
- ~~(C)~~ Because heavy and fast food causes many diseases.
- (D) We should take simple food for avoiding stomach problems.

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■ Choose the correct connector:

The parents should remember (13) they should behave politely and properly in the home (14) the children generally behave (15) their parents do.

13) (A) unless

~~(B) if~~

(C) what

~~(D) that~~

14) (A) but

(B) and

(C) because

~~(D) so~~

15) (A) as

~~(B) as if~~

(C) than

(D) if

■ Select the correct arrangement to make meaningful sentences:

16) the show begun (1) the lights (2) hardly had (3) went out (4) when (5)

~~(A) 5, 2, 1, 4, 3~~

~~(B) 1, 4, 5, 3, 2~~

(C) 3, 1, 5, 2, 4

(D) 4, 5, 3, 2, 1

17) with a view to (1) Reyansh (2) meeting her (3) rang up (4) Shruti (5)

~~(A) 2, 4, 5, 1, 3~~

~~(B) 2, 5, 1, 3, 2~~

(C) 5, 1, 4, 3, 2

~~(D) 3, 5, 2, 1, 4~~

10) Altaf : Mariya is sick yet she has attended the school.

Rehana : \_\_\_\_\_ (Expressing choice)

- (A) If Mariya is not sick, she will attend the school.
- (B) Mariya would rather take rest than attending the school.
- (C) Mariya should go to the hospital.
- (D) Mariya will do as the doctor advises her.

11) Nilesh : Mr. Trivedi is very rich. He does not donate money to the institution.

Tushar : \_\_\_\_\_ (Showing contrast)

- (A) Rich as Mr. Trivedi is, he is miser.
- (B) Mr. Trivedi is not so rich as you think.
- (C) Mr. Trivedi has a big family so he does not donate money.
- (D) Mr. Trivedi does not donate money because he is poor.

12) Komal : Why do you buy this laptop?

Jigar : \_\_\_\_\_ (Comparing)

- (A) This laptop is better than most other laptops.
- (B) Because I like this laptop.
- (C) This laptop is cheaper than any other laptop.
- (D) This is one of the best laptop.

18) are being sold (1) these days (2) potatoes (3) at high price (4) even (5)

(A) 4, 5, 1, 3, 2

(B) 2, 1, 3, 5, 4

(C) 5, 1, 4, 3, 2

~~(D) 5, 3, 1, 4, 2~~

■ Select the correct question to get the underlined word/phrase as answer:

19) Meena met the principal to get admission.

(A) Why did Meena meet the principal?

(B) Whom does Meena meet to get admission?

~~(C) Whom did Meena meet to get admission?~~

(D) Why does Meena meet the principal?

20) Millions of households are still lacking basic facility of electricity.

(A) Who are lacking basic facility of electricity?

~~(B) What are millions of households still lacking?~~

(C) What is millions of households still lacking?

(D) Why are millions of households still lacking basic facility of electricity?

21) Mahendra started his new business last month.

(A) What did Mahendra start last month?

(B) Who started his new business last month?

(C) When does Mahendra start his new business?

~~(D) When did Mahendra start his new business?~~

■ Select the correct sentence:

- 22) ~~(A) The students must divided into four groups.~~  
(B) The students was divided into four groups.  
~~(C) The students were divided into four groups.~~  
(D) The students may divided into four groups.
- 23) (A) If it will rain today, we would not go out.  
(B) Unless it rains today, we would not go out.  
(C) If it rained today, we will not go out.  
~~(D) If it rains today, we will not go out.~~
- 24) (A) In those days, the teachers are used to come to school on bicycles.  
(B) In those days, the teachers used to come to school on bicycles.  
(C) These days, the teachers used too come to school on bicycles.  
~~(D) These days, the teachers use to come to school on bicycles.~~
- 25) (A) Intelligent however Ruby is, she gets good marks.  
(B) However intelligent Ruby is, she got good marks.  
~~(C) However intelligent Ruby is, she does not get good marks.~~  
(D) Intelligent Ruby however is, she does not get good marks.

- Select the title of the read related with the sentences:

26) Will the workers walk into this trap?

(A) Stress Control Exercises

(B) The Adjustment

(C) Can you install love?

(D) Strike Against War

27) From their birth they are taught to obey.

(A) The Adjustment

(B) Manage Your Stress

(C) Ants

(D) Unforgettable Walt Disney

28) When life becomes too hectic, we can end up feeling mentally tied in knots.

(A) The Adjustment

(B) Manage Your Stress

(C) Stress Control Exercises

(D) Can you install love?

29) As usual, though he infused all of us with his own enthusiasm when he finally told us about the project.

(A) Unforgettable Walt Disney

(B) Can you install love?

(C) Strike Against War

(D) Ants



## ■ Select the most appropriate answers:

- 30) One can feel Walt's presence through his \_\_\_\_\_.
- (A) abilities
  - (B) books
  - (C) creations
  - (D) thinking
- 31) To study with concentration, we need \_\_\_\_\_ ability.
- (A) practical
  - (B) emotional
  - (C) physical
  - (D) mental
- 32) How can one create energy?
- (A) holding hands tightly
  - (B) rubbing hands together
  - (C) by clapping hand
  - (D) sitting comfortably
- 33) What should she do to delete SELFCRITIC.EXE completely and it may never come back?
- (A) delete from the desk-top
  - (B) delete again and again
  - (C) delete from recycle bin
  - (D) (A) & (B)

- Read the stanza and answer the questions selecting the most appropriate options:

Remember, no men are strange, no countries foreign

Beneath all uniforms, a single body breathes

Like ours: the land our brothers walk upon

Is earth like this, in which we all shall lie.

34) The poem is about \_\_\_\_\_.

- (A) sacrifice  
 (B) universal brotherhood  
 (C) nationality  
 (D) separation

35) What uniform do you think the poet is talking about?

I think the poet is talking about the uniform of

- (A) the doctors of different countries.  
 (B) the students of all nations schools.  
 (C) the soldiers of various nations' armies.  
 (D) the players of different nations.

36) The message of the poem is \_\_\_\_\_.

- (A) no need to go abroad      (B) boundaries are useless  
 (C) the world is like family      (D) no need for visa

- Read the stanza and answer the questions selecting the most appropriate [2] options:

And the morning dews

And mellow hues

Paint her cheeks with fairy fingers.

While o'er the rills

And the Sun-kissed hills,

The love-light gently lingers.

37) What are her cheeks painted with?

- (A) with fairy fingers  
 (B) with love light that lingers  
 (C) (A) & (B)  
 (D) none of the above

38) By whom are hills kissed?

- (A) the morning dews  
 (B) mellow hues  
 (C) the rills  
 (D) the Sun

- Read the passage and answer the questions selecting the most appropriate options: [3]

The guru and his disciples found three persons standing before the gate and shouting at one another. They were about to come to blows. In the moonlight, the sentries seated atop the wall were enjoying their quarrel.

The guru observed the three men and listened to their angry exchanges. He soon understood the cause of their dispute. The three were the residents of the town, but had been locked out as they were late in returning from some pleasure-trip. One of them, who was drunk, proposed that they should storm the gate and march into the town over the smashed metal-plated doors. "Heroes that we are, this will be the right thing for us to do", he claimed.

- 39) What did the guru and his disciples find?
- (A) three men pushing the gate.  
 (B) three men climbing on the wall.  
 (C) three persons standing before the gate and shouting at one another.  
 (D) three men quarreling with each other.
- 40) How did the guru come to understand the cause of their dispute?
- (A) Having meditated about their problems.  
 (B) By asking them what their dispute was.  
 (C) By asking the gatekeeper about their worries.  
 (D) Having observed the three men and listened to their exchanges.
- 41) What was the cause of their dispute?
- (A) They were residents of other town.  
 (B) They were drunk.  
 (C) The three men were the residents of the town. But had been locked out as they were late in returning from some pleasure trip.  
 (D) They were outsiders of the town.

- Read the passage and answer the questions selecting the most appropriate options: [2]

Mansi was standing at the counter of the museum gift shop making purchase when the couple approached the exit. Mansi observed the couple carefully. The man after paying the bill pulled out a white stick and tapped his way towards the gate.

- 42) What was Mansi doing at the counter?
- (A) Selling at the counter of the museum gift shop.  
 (B) Standing at the counter of the museum gift shop.  
 (C) Shopping at the counter of the museum gift shop.  
 (D) (B) & (C)
- 43) 'The man pulled out a white stick and tapped his way' - What does this sentence convey us?
- (A) that the man had intention of making a fuss.  
 (B) that the man belonged to some security department.  
 (C) that the man was deprived of the ability to see.  
 (D) that the man had a weapon.

- Select the most appropriate word to fill in the blanks: [4]

44) It helps you to \_\_\_\_\_ them more clearly if you try to understand them separately.

- (A) distinguish  
 (B) distinguishly  
 (C) distinguishing  
 (D) distinguished

45) Mound [heap of clay] made by ants is called \_\_\_\_\_.

- (A) antelope (B) ambush  
 (C) arduous (D) anthill

46) \_\_\_\_\_ breathing supplies enough oxygen to our brain.

(A) Slow

(B) Deep

(C) Fast

(D) Shallow

47) Millions of people \_\_\_\_\_ to see the unique creation of Walt's imagination.

(A) flocked

(B) scattered

(C) ran away

(D) took aback

■ Select the most appropriate word having the nearest meaning:

[3]

48) vigorous : \_\_\_\_\_.

(A) worried

(B) easy

(C) tough

(D) anticipating

49) eliminate : \_\_\_\_\_.

(A) welcome

(B) remove

(C) move

(D) challenge

50) condemn : \_\_\_\_\_.

(A) give an award

(B) allow

(C) evaluate

(D) give punishment

**013 (E)**

(MAY, 2021)  
(SCIENCE STREAM)  
(CLASS - XII)  
(Part - B)

Time : 2 Hours]

[Maximum Marks : 50

Instructions :

- 1) Write in a clear legible handwriting.
- 2) There are four sections in Part - B of the question paper. There are twenty questions in total.
- 3) All questions are compulsory. Internal options are given.
- 4) The numbers at the right side represent the marks of the question.
- 5) Start new section on new page.
- 6) Maintain the sequence.

SECTION - A

## ■ Read the paragraph and answer the questions:

[6]

Customer Service Rep : You're welcome. Click on the following files and then copy them to the "MYHEART" directory : FORGIVESELF.DOC, SELFESTEEM.TXT, REALIZEWORTH.TXT and GOODNESS.DOC. (The system will overwrite any conflicting file and begin patching any faulty programming.) Also, you need to delete SELFCRITIC.EXE from all directories, and then empty your recycle bin afterwards to make sure it is completely gone and never comes back.

1) What will the system do? [1]

2) What should be deleted? [1]

As far back as I can remember, Walt was drawing. The first money he ever made was a nickel for a sketch of a neighbour's horse. (He studied cartooning in Chicago) and then started a little animated cartoon company in Kansas city that flopped. I was in Los Angeles when Walt, just 21, decided to try his luck in Hollywood.

3) Where did Walt study cartooning? [1]

4) When did Walt decide to try his luck in Hollywood? [1]

Place both of your hands with your fingers like combs on top of your head so that your little fingers are touching your hairline at the front. Firmly press down on your scalp and pull your fingers away from the midline, combing outwards with each hand. Now place your hands in the same way higher up on the midline of the head and repeat the procedure. Now place hands even further back on your head and repeat the procedure.

- 5) There are three steps of the procedure here - True/False? [1]
- 6) Should the process be repeated? [1]

■ Write any two short notes focusing on the questions: [Question No. 7 and 8] [6]

#### The Most Ferocious Ants

- Which are the most ferocious ants? How are they?
- What do they do with animals which pass by their way?
- What do the villagers tell about these ants?
- What do the people do when ants enter in their houses?
- What do they find after coming back to their houses?

#### The Techniques To Reduce Stress

- Describe the techniques to reduce stress.
- Explain the first technique in detail.
- What are the benefits of first techniques?
- Explain the second technique in detail.
- What are the benefits of second technique?
- Why is it important to do mental exercises regularly?

#### The Writer's Thoughts About Editors

- Which fight has Helen entered?
- How does she establish her own social and physical strength?
- What does Helen deny to do?
- What are her views about editors?
- Who are grieved? Why?
- What is Helen's demand from the gentlemen?

#### Dr. K.D. Kamble's visit to Nana

- Who was Dr. K.D. Kamble?
- What was Nana's reaction when the doctor talked to him at length?
- How did Nana reply when the doctor asked him about Nani?
- What did the doctor say to the narrator after Nana left?
- According to Dr. Kamble, was Nana suffering from a sort of dissociative personality disorder?
- What advice did the doctor give to the narrator?



SECTION - B

- 9) Read the following passage and write its summary. Also suggest a suitable title to it: [5]

Lhatoo was following us and caught up with (succeeded in reaching) us when we rested below the South Summit. After drinking some tea, we moved on. Lhatoo had brought a nylon rope so Ang Dorjee and I roped up while Lhatoo walked in the middle, holding the rope with one hand, more for balance than security.

Lhatoo noticed that I had been climbing with oxygen at about two and a half litres per minute against the normal four for these heights. After he increased the oxygen flow on my regulator, I found even the steeper stretches (distance) comparatively easy.

- Read the news clipping and answer the questions: [4]

Solar bus, a home on the go

Ahmedabad Mirror

January 20, 2021

IIT-Bombay Prof. Chetan Singh Solanki has been travelling across 25 cities in India in the solar bus since November 26, 2020 to spread awareness about energy access, security and sustainability, climate change and solutions to reduce carbon emissions. He has travelled to 30 countries in his bus earlier, and intends to trigger a mass movement to fight global energy issue over the next 11 years. He calls his travels 'Solarvas', a takeoff from 'Vanvas' probably. The bus also houses a small demonstration with basic units about how embracing of solar energy solutions on a large scale can alleviate climate change. The bus cost Solanki about Rs. 40 lakh to build. It has solar panels (3.2 volt) on its roof which charge and store up to 6 units of energy. The bus can run on diesel or solar energy (it can run 35 - 45 km on solar). The solar bus can accommodate 5 - 6 people comfortably. It has two TV sets, CC TV for security, charging cables, AC, etc.

Questions :

- 10) Why has Prof. Chetan Singh Solanki been travelling across 25 cities in India in the solar bus? [1]
- 11) What does Prof. Solanki call his travels? [1]

12) How many people can the solar bus accommodate? [1]

13) How much money has Prof. Solanki spent for the solar bus to build? [1]

■ Do as directed:

14) Akshay Kumar has started a new film. He will have launched it by next July. [2]

Do you always watch his films?

Start like this : A new film has been started .....

15) The Gujaratis celebrated many festivals. Preparations were made many days ago. They also spent much money. [2]

Start like this : The Gujaratis will celebrate .....

SECTION - C

16) Render the following dialogue into Indirect speech. [4]

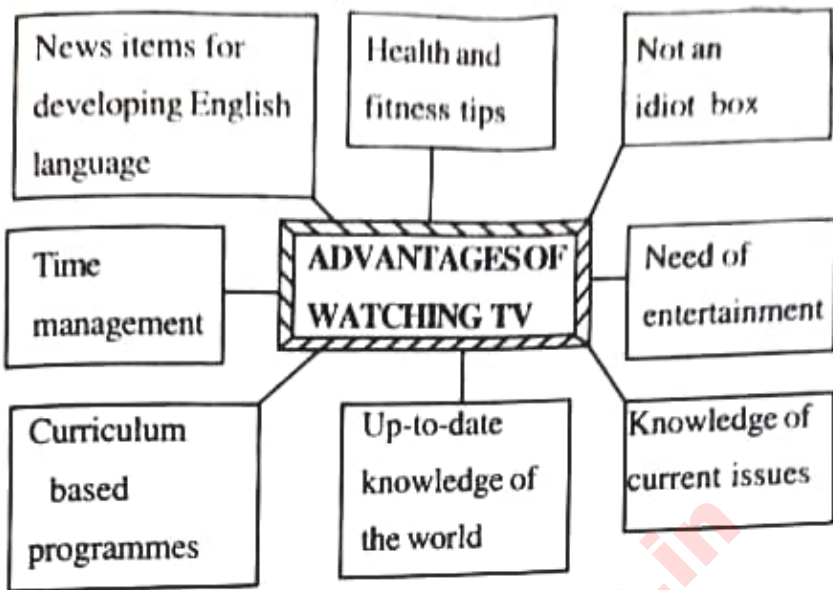
"Ruchir, have you attended Maths' online class today?" asked Nisha.

"No, ma'am. There was network problem in my mobile." replied Ruchir.

"Don't give excuses. I am sending you YouTube links. Watch the videos." said Nisha.

"Okay ma'am. I will do." said Ruchir.

- 17) Study the data and write a paragraph on it in about eighty words: [4



- 18) You are going to deliver a speech on Water Conservation in your school assembly. Draft a speech using the given points in about 100 words: [5

Points : Meaning of water conservation - why it is necessary - effective measures - water saving - control on excess of water at home.

OR

Dhaval Prajapati from E-101, Radhe Appartment, Nr. Namaskar Circle, Mehsana wants to apply for the post of a Chemistry teacher to the principal, Mahatma Gandhi Higher Secondary School, Near Civil Hospital, Akota, Vadodara. Draft an application on his behalf.

### SECTION - D

- 19) Write a paragraph in about 150 words using the key words : [7

Hardwork Always Bears Good Fruits

Points : Introduction - examples of famous personalities - hardwork and fortune - modern scenario.

OR

Helen Keller - An Inspiring Personality

Points : Deaf, dumb and blind - birth date : June 27, 1880 - birth place : West Tuscumbia, Alabama - early childhood and illness - formal education - first deaf - blind person to earn a bachelor of arts degree - writings - death : June 1, 1968 - posthumous honours.

OR

My Grandparents

Points : Introduction - role of grandparents in a child's life - imparting values, with love - condition in nuclear families today. - Your experience with your grandparents.

- 20) Samir Shah (samir.shah@gmail.com) writes an email to Vergheese Mart requesting them to replace the washing machine he has purchased as the washing machine is not working properly. Draft an e-mail on admin@vergheesemart.com on Samir Shah's behalf in about 100 words. [5]

OR

A seminar on 'Personality Development' was organised in your school for higher secondary students. Write a report on it in about 100 words.



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