Test Booklet Series

T. B. C. : PGT – 1/20

A

TEST BOOKLET

PART – A
(COMPULSORY)

12785

SI. No.

Time Allowed : 1 Hour

Maximum Marks : 50

: INSTRUCTIONS TO CANDIDATES :

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET OF THE SAME SERIES ISSUED TO YOU.

2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C** OR **D**, AS THE CASE MAY BE, IN THE APPROPRIATE PLACE IN THE ANSWER SHEET USING BALL POINT PEN (BLUE OR BLACK).

3. You have to enter your **Roll No.** on the Test Booklet in the Box provided alongside. **DO NOT** write *anything else* on the Test Booklet.

4. **YOU ARE REQUIRED TO FILL UP & DARKEN ROLL NO., TEST BOOKLET / QUESTION BOOKLET SERIES IN THE ANSWER SHEET AS WELL AS FILL UP TEST BOOKLET / QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEET CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.**

5. This Test Booklet contains **50** items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose **ONLY ONE** response (answer) for each item (question).

6. You have to mark (darken) all your responses (answers) **ONLY** on the **separate Answer Sheet** provided, by **using BALL POINT PEN (BLUE OR BLACK)**. See instructions in the Answer Sheet.

7. All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet. There will be no negative marking for wrong answer.

8. Before you proceed to mark (darken) in the Answer Sheet the responses (answers) to various items (questions) in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per the instructions sent to you with your **Admission Certificate**.

9. After you have completed filling in all your responses (answers) on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the *Answer Sheet* issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the **Test Booklet**, after completion of the examination, for your reference.

10. Sheets for rough work are appended in the Test Booklet at the end.

ZI – 1A/14

(Turn over)

1. Which of the following definition is a wrong one ?

(A) An adverb is a word which modifies a verb

(B) An adjective is a word that describes a adverb

(C) A verb is a word that shows an action

(D) A noun is a word used to name an abstract idea

2. Find the word which has been spelt wrongly ?

(A) Litenant

(B) Pathetic

(C) Euphoria

(D) Efficient

3. Which of the following best defines the meaning of the word 'rudimentary' ?

(A) Significant

(B) Elementary

(C) Unclear

(D) Complimentary

4. The noise of the traffic kept me awake (change voice) :

(A) I was kept awake by the noise of the traffic

(B) The traffic kept me awake by the noise

(C) I kept myself awake due to the noise of the traffic

(D) I remained awake by the noise of the traffic

5. Dry weather with no rainfall (substitute with one word) :

(A) Draft

(B) Desert

(C) Drought

(D) Draught

6. Find the word which has been spelt wrongly :

(A) Pandemic

(B) Breathing

(C) Neumonia

(D) Respiration

7. Choose the word which best expresses the meaning of 'error' ?

(A) Misadventure

(B) Defect

(C) Ambiguity

(D) Blunder

8. Close the doors (change voice) :

(A) Let the doors are closed.

(B) The doors are let to be closed.

(C) Let the doors be closed.

(D) Allow the doors to be closed.

9. List of issues to be discussed at a meeting (substitute with one word) :

(A) Plan

(B) Agenda

(C) Time-table

(D) Schedule

10. I _____ an office, but I choose to work from home because everything I need is here.

(A) Could have rented

(B) Must have rented

(C) Might rent

(D) Did not

11. Something that is poisonous or unhealthy (substitute with one word) :

   (A) Trivial

   (B) Toxic

   (C) Tragic

   (D) Tepid

12. The noun form of the word "tempt" is :

   (A) Temptingly

   (B) Tempting

   (C) Tempted

   (D) Temptation

13. One who loves books ?

   (A) Teacher

   (B) Bibliophile

   (C) Bibliographer

   (D) Scholar

14. What does the phrase "by fair means or foul" mean ?

   (A) Having been motivated

   (B) Without having difficulty

   (C) Without using common sense

   (D) In any way, honest or dishonest

15. Choose the word which best expresses the meaning of 'combat' :

   (A) Fight

   (B) Conflict

   (C) Quarrel

   (D) Feud

16. Someone has lit the fire (change case) :

   (A) The fire was lit by someone.

   (B) You are requested by someone to light to the fire.

   (C) The fire had been lit by someone.

   (D) The fire has been lit by someone.

17. The antonym of "arbitrary" is :

   (A) Discipline

   (B) Haphazard

   (C) Democratic

   (D) Whim

18. Life history of a person written by another (substitute with one word) :

   (A) Bibliography

   (B) Biography

   (C) Autobiography

   (D) Memoir

19. A person who is always hopeful and looks on the brighter side of everything is called :

   (A) Florist

   (B) Artist

   (C) Optimist

   (D) Theist

20. Synonym for 'Inspire' is :

   (A) Encourage

   (B) Compel

   (C) Advice

   (D) Persuade

21. Which of the following is associated with QWERTY ?

    (A) Monitor

    (B) Scanner

    (C) Keyboard

    (D) Mouse

22. Which of the following is true for Quick Response Code (QR Code) compared to Bar Code ?

    (A) Readability of a QR code is fast

    (B) QR codes have greater storage capacity

    (C) QR codes have error correcting capability

    (D) All of these

23. Give the following three statements on Graphics Processing Unit (GPU), answer which of them is/are true ?

    (i) GPUs are specialized hardware designed to accelerate graphics rendering

    (ii) GPUs are either integrated into the CPU or available as a discrete hardware unit

    (iii) GPUs are necessary for Graphical User Interface

    (A) Both (i) and (ii)

    (B) Both (ii) and (iii)

    (C) Both (iii) and (i)

    (D) All of these

24. Which of the following is of largest size ?

    (A) 2^{10} GB

    (B) 2^{20} MB

    (C) 2^{30} KB

    (D) None of the above is largest

25. A number 123 to the base x is equal to the number 1102 to the base 3. What is the value of x ?

    (A) 4

    (B) 5

    (C) 6

    (D) 7

26. Given the web address **https:// covid19.odisha.gov.in**, identify the top-level domain :

    (A) in

    (B) odisha

    (C) covid19

    (D) https

27. Given the following three statements on POST, answer which of them is false :

    (i) POST is the first step on the Boot sequence

    (ii) A computer without an installed operating system cannot use POST to run

    (iii) Problems in a computer can certainly appear after the POST process

    (A) Only (i)

    (B) Only (ii)

    (C) Only (iii)

    (D) None of these

28. Given the following three statements on Cloud Computing, answer which of them is/are true :

    (i)   Cloud computing is the delivery of computing services — including servers, storage, databases, networking, software, analytics and intelligence — over the Internet

    (ii)   Cloud computing has the ability to run itself and thereby eliminating the need of human resource

    (iii)   Cloud computing helps in lowering operating costs, run your infrastructure more efficiently and scale as business needs change

(A)   Both (i) and (ii)

(B)   Both (ii) and (iii)

(C)   Both (iii) and (i)

(D)   All of these

29. Which of the following keyboard shortcuts can move the cursor to the end of the document in Microsoft Word ?

(A)   Ctrl + Home

(B)   Ctrl + End

(C)   Alt + Home

(D)   Alt + End

30. Computer follows IPO cycle to perform tasks. What does 'P' stand for in IPO ?

(A)   Process

(B)   Programmer

(C)   Pentium

(D)   Public

31. Social constructivism of Vygotsky is based on which of the following concept ?

(A)   Reality

(B)   Knowledge

(C)   Learning

(D)   All of these

32. Who is the exponent of Kindergarten Theory of learning ?

(A)   Rousseau

(B)   Maria Montessori

(C)   Froebel

(D)   Rabindra Nath Tagore

33. Which of the following is not a method for child-centred learning ?

(A)   Demonstration method

(B)   Experimentation method

(C)   Project method

(D)   Problem-solving method

34. Which of the following is not the characteristic of learning ?

(A)   It is a continuous process

(B)   It is goal oriented

(C)   It is individualistic

(D)   It is not transferable

35. Self-prepared TLM is more advantageous than printed and purchased TLM, because :

(A) It is of low cost

(B) It is easily available

(C) It helps to develops skills among students

(D) The students and teachers do not face difficulty in using it

36. The multigrade classroom teaching situation is one when :

(A) Single teacher teaches more than one class at a time

(B) Two teachers teach two classes at a time

(C) Single teacher teaches one class at a time

(D) Single teacher teaches high, average and low level students in a class at a time

37. Which of the following is not the basic component of classroom environment ?

(A) Physical conditions

(B) Students

(C) Parents

(D) Teachers

38. In which of the following situations, assessment as learning is possible ?

(A) Unit test

(B) Group test

(C) Group learning

(D) Collaborative learning

39. Detection and eradication of the learning problem of the learners comes under which of the following assessment ?

(A) Formative

(B) Diagnostic

(C) Summative

(D) Placement

40. Which of the following tools will you use for analysing qualitative data ?

(A) Achievement Test

(B) Questionnaire

(C) Survey checklist

(D) Focus group discussion

41. The objective of "Ladakh Ignited Minds Project" launched by Indian Army is _____.

(A) to promote peace in Ladakh region

(B) to combat insurgency in Ladakh

(C) to secure better future for the youth of Ladakh

(D) to guard Sino-Indian border

42. The Government of India has provided 'Muktijoddha' scholarship scheme to the students of _____.

(A) Nepal

(B) Bhutan

(C) Bangladesh

(D) Myanmar

43. What is the name of China's first Mars Rover ?

(A) Shennong

(B) Xiwangmu

(C) Sun Wukong

(D) Zhurong

44. _____ is a humanitarian initiative undertaken by the Indian Government to provide Covid-19 Vaccines to countries around the world.

(A) Goodwill Vaccine

(B) Help Vaccine

(C) Vaccine Maitri

(D) Share Vaccine

45. In which year Huen Tsang visited Odisha ?

(A) 630 AD

(B) 615 AD

(C) 637 AD

(D) 660 AD

46. Which of the following is used in Pencils ?

(A) Graphite

(B) Silicon

(C) Charcoal

(D) Phosphorous

47. The gas usually filled in electric bulb is _____.

(A) Hydrogen

(B) Carbondioxide

(C) Oxygen

(D) Argon

48. In which year the first Oriya magazine 'JNANARUNA' was published ?

(A) 1841

(B) 1849

(C) 1836

(D) 1865

49. Which is the device used to detect and measure small electric current in a circuit ?

(A) Transformer

(B) Galvanometer

(C) Thermometer

(D) Hydrometer

50. Which mineral is also known as 'fool's gold ?

(A) Quartz

(B) Magnet

(C) Pyrite

(D) Fluorite

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