

INDIAN SPACE RESEARCH ORGANISATION
HEADQUARTERS
BANGALORE

WRITTEN TEST FOR RECRUITMENT TO THE POST OF
ADMINISTRATIVE OFFICER

TEST BOOKLET:

D

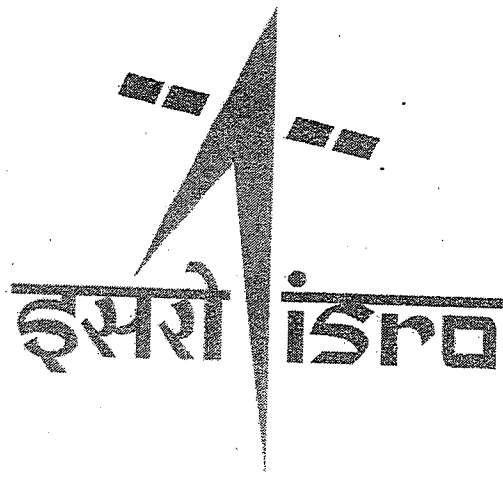
Date : April 17, 2011 – Sunday

Time : 1000 hrs. to 1230 hrs.

Part	No. of questions
Part A – Test of reasoning, Arithmetic, General Awareness, etc.	36 [1-36]
Part B – English	32 [37-68]
Part C – Administration	36 [69-104]
Part D – Descriptive type	02 [1&11]

INSTRUCTIONS

1. The Question Paper is in the form of test booklet.
2. A separate OMR answer sheet is provided to all candidates for answering PART A, PART B and PART C.
3. Refer instructions in answer sheet and use **HB pencil** for answering all questions.
4. Each objective question is provided with text and figures where ever applicable with four answers (a), (b), (c) and (d), which includes one correct answer.
5. A separate answer booklet is provided to all candidates for answering PART D [Descriptive type]. **Answer to be written by pen only.**
6. All questions except PART D carry equal marks.
7. Multiple answers for a question will be regarded as **wrong answer.**
8. Although the test stresses on accuracy more than speed, it is important to **use your time as effectively as possible.**
9. Do not waste time on difficult questions. Go on to other questions and come back to the difficult ones later.
10. Enter your name and roll number correctly on the OMR answer sheet.
11. Enter all information as per the instructions given in the answer sheet for PART D.
12. Space available in the question booklet could be used for rough work and no separate sheet will be provided.
13. At the end of the test, please return to the Invigilator (a) Written test call letter with photograph (b) OMR answer sheet and (c) Descriptive answer sheet for PART D.



INDIAN SPACE RESEARCH ORGANISATION

PART A

1. Which country is called 'The Playground of Europe'?
 - a. England
 - b. France
 - c. Switzerland
 - d. Italy

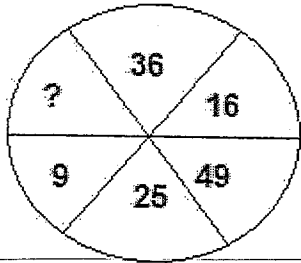
2. If the distance between two electrical charges is halved, then the force between them becomes
 - a. Half
 - b. Double
 - c. Four times
 - d. One-fourth

3. The origin of earth dates back to approximately
 - a. 3.6 billion years
 - b. 4.6 billion years
 - c. 5.6 billion years
 - d. 6.6 billion years

4. Who amongst the following was awarded Noble Prize for path breaking contributions to develop treatment for Parkinson's disease?
 - a. Robert B. Laughlin
 - b. Ferid Murad
 - c. Walter Kohn
 - d. Arvind Carlson

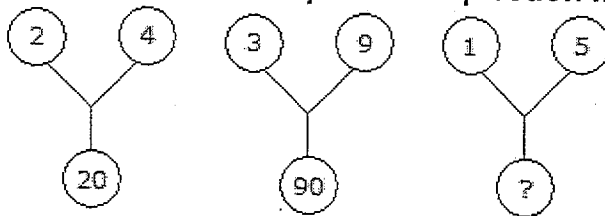
5. "The Fifth Column" is generally referred to as
 - a. Terrorists
 - b. Bureaucracy
 - c. Traitors
 - d. 5th column of Parliament of India

6. Insert the missing number from the options given below:



- a 60
- b 84
- c 64
- d 68

7. Which number will replace the question mark?



- a 75
- b 26
- c 25
- d 20

8. How many iron balls of radius 0.25 cm can be made out of solid iron sphere of 8 cms diameter ?

- a 4096
- b 4960
- c 4690
- d 4600

9. There were two candidates in an election, 10% of the voters did not vote, 60 votes were declared invalid. The elected candidate got 308 votes more than his opponent. If the elected candidate got 47% of the total votes, how many votes did each candidate get ?

- a 2316 and 2012
- b 2629 and 2324
- c 2871 and 2575
- d 2914 and 2606

10. The distance between two stations A and B is 300 kms. Two trains simultaneously leave from station A and B. After they meet, the train travelling towards station A reaches the station after 9 hours, whereas the train travelling towards station B reaches after 4 hours. Find the speed of each train in km/hr (A:B).

- a 30:20
- b 35:25
- c 40:30
- d 45:35

11. A fire at building "X" is reported on telephone to two fire stations FS-A and FS-B which are apart from each other at a distance of 10 kms. FS-A observes that the fire is at an angle of 60 degrees from it and FS-B observes that fire is at an angle of 45 degrees from it. If the station located at the shortest distance sends its team, then find the approximate distance the team has to travel.

- a 7.3 km
- b 6.3 km
- c 8.3 km
- d 9.3 km

12. Mahila Vahini is a women commando unit being set up by

- a Delhi Police
- b Central Reserve Police Force
- c Indian Railways
- d Border Security Force

13. National Education Day 2010 was celebrated to commemorate the birth anniversary of

- a Moulana Abdul Kalam Azad
- b Pandit Jawahar Lal Nehru
- c Sarvepalli Radhakrishnan
- d Sardar Vallabhai Patel

14. Who was the first European to translate the Bhagavat Gita into English

- a Sir Alexander Cunningham
- b William Jones
- c Charles Wilkins
- d James Prinsep

15. The term Stagflation refers to situation of
- a High price rise and high economic growth
 - b High price rise and low economic growth
 - c No change in price and high economic growth
 - d No change in price and low economic growth
16. A model for enabling convenient, on-demand network access to a shared pool of configurable computing resources is called
- a Utility computing
 - b Cloud computing
 - c Star computing
 - d Grid computing
17. Who nominates persons for various parliamentary delegations to foreign countries
- a The Speaker of Lok Sabha
 - b The Chairman of Rajya Sabha
 - c The President of India
 - d The Prime Minister of India
18. World's first satellite dedicated to monitoring Green House Gas Emissions was launched by:
- a Japan
 - b USA
 - c Russia
 - d India
19. Nine Latin American countries have agreed on the creation of a regional currency called
- a Sucre
 - b Alba
 - c Hugo
 - d Euro
20. A, B, C, D, E and F are sitting in a row facing North. A is neighbour of B and D. E is the neighbour of C and F. D is the neighbour of C. How many members are there between A and E?
- a 1
 - b 2
 - c 3
 - d 4

21. If NUMERICAL is written as MVL FQJBBK, then how would ASTROLOGY be written in this code ?
- a BRSTMNNHX
 - b ZTSSNMNHX
 - c ZTUSPMPEZ
 - d BRWSSNKNHX
22. Which of the following Writs is issued by the Court in case of illegal detention of a person.
- a Quo Warranto
 - b Certiorari
 - c Mandamus
 - d Habeas Corpus
23. Finger prints : Forensic :: Handwriting : ---- ?
- a Calligraphy
 - b Cartography
 - c Cryptography
 - d Shorthand
24. Which of the following committee submitted its report in 2010 recommending de-recognition of 44 Deemed Universities in India ?
- a Yashpal Committee
 - b Tandon Committee
 - c Rajamannar Committee
 - d Agrawal Committee
25. High Speed Downlink Packet Access (HSDPA), a new protocol for mobile telephone data transmission is also known as :
- a 2 G
 - b 4 G
 - c 3 G
 - d 3.5 G
26. Isohumes are lines showing uniform
- a Temperature
 - b Humidity
 - c Rainfall
 - d Pressure

27. Which of the following cities has been chosen as the venue for the 2014 Common Wealth Games ?

- a Nairobi
- b Christchurch
- c Durban
- d Glasgow

28. Which of the following monuments was built in memory of the soldiers who lost their lives in World War I

- a Gateway of India
- b India Gate
- c Vijay Path
- d Victoria Memorial Hall

29. Asteroid particles entered into the earth's atmosphere and created fireworks. It was because

- a the particles of the asteroids were already hot and ignited and they burned more easily in atmospheric air
- b the high-speed asteroid particles faced severe frictional resistance of the atmosphere and burned due to this resistance
- c the asteroid particles had oxygen and combustible material within their compositions and they burned due to friction with atmospheric air
- d The asteroids contained phosphorous.

30. The salaries of the Judges of the Supreme Court are charged to the Consolidated Fund of India because

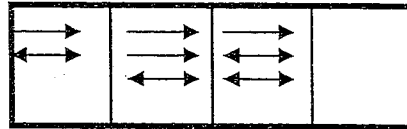
- a they may get salaries regularly every month
- b their salaries are free from legislative vote
- c there may not be any cut in their salaries
- d their financial position may be secured to enable them to dispense impartial judgement.

31. Who among the following has been appointed the Chairman of the 13th Finance Commission ?

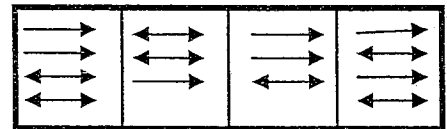
- a C Rangarajan
- b Bimal Jalan
- c Vijay L Kelkar
- d Samir Brahmachari

32. In the following question which one of the Answer Figure should come after the Problem Figure if the series is continued?

Problem Figures



Answer figures



A B C D

- a A
- b B
- c C
- d D

33. Akbar's buildings at Fatehpur Sikri are famous for

- a Synthesis of trabeate and arcuate styles
- b Construction of the first bulbous dome in India
- c The use of marble on an extensive scale
- d Frequent employment of pietra dura

34. Who was the first Indian to use the word Swarajya in 1906?

- a Bal Gangadhar Tilak at the Calcutta session of the Congress
- b Dadabhai Naoroji at the Calcutta session of the Congress
- c Gopal Krishna Gokhale at Mumbai in 1885
- d Lala Lajpat Rai in the first session of Indian National Congress

35. Sunderbans is the name of

- a Tropical forest
- b Tidal forest
- c Semi evergreen
- d Deciduous forest

36. The longest Inter-Country Border in the world is

- a Macmohan Line
- b International Border
- c Mao Tse Tung Line
- d Sino Siberian Line

END OF PART A

PART B

IN THE FOLLOWING QUESTIONS THE SENTENCES HAVE ERRORS. EACH IS DIVIDED INTO FOUR PARTS. FIND OUT WHICH PART HAS THE ERROR.

37. Sadhana was one person who could some how manage
[a] [b]

to working in the section for such a long time
[c] [d]

- a [a]
- b [b]
- c [c]
- d [d]

38. There was a number of conferences which produced little
[a] [b] [c]

of practical value.
[d]

- a [a]
- b [b]
- c [c]
- d [d]

39. The Department of modern Indian languages is running a course
[a] [b]

in comparative literature for last fifteen years.
[c] [d]

- a. [a]
- b. [b]
- c. [c]
- d. [d]

In each question, an incomplete statement (Stem) followed by fillers is given. Pick out the best one which can complete incomplete stem correctly and meaningfully

40. I felt somewhat relaxed.....

- a. but tense as compared to earlier
- b. and tense as compared to earlier
- c. as there was already no tension at all
- d. and tension-free as compared to earlier

- 41 "Whatever Dev uttered was without rhyme or reason" means.....
- a. Dev could not recite any poem or speech
 - b. Dev said something which has no meaning, it was totally baseless
 - c. Dev was talking something which was beyond our experience
 - d. Dev spoke flatly without any emotion or reason

42 His behavior is so unpredictable that he

- a. never depends upon others for getting his work done
- b. is seldom trusted by others
- c. always finds it difficult to keep his word
- d. always insists on getting the work completed on time

From the choices, select the most suitable synonym for the main word :

43 **INSINUATE**

- a. Introduce
- b. Suggest
- c. Ridicule
- d. Trust

44 **CALLOUS**

- a. Hardened
- b. Impassive
- c. Blunt
- d. Placid

45 **CONTINENCE**

- a. Humanity
- b. Humility
- c. Self-restraint
- d. Embryology

46 **ABSTEMIOUS**

- a. Virtuous
- b. Moderate
- c. Hard working
- d. Honest

47 **QUIBBLE**

- a. Argue
- b. Express
- c. Depress
- d. Quarrel

From the choices, select the most suitable antonym for the main word :

48 SOOTHE

- a Dull
- b Settle
- c Calm
- d Arouse

49 ASTUTE

- a Cowardly
- b Foolish
- c Wicked
- d Shrewd

50 FURTIVE

- a Open
- b Secretive
- c Health
- d Sneaky

51 EPILOGUE

- a Dialogue
- b Prelude
- c Postscript
- d Epigram

52 OSTENSIBLE

- a external
- b real
- c internal
- d unreal

PICK OUT THE MOST EFFECTIVE WORD FROM THE GIVEN WORDS TO FILL IN THE BLANK TO MAKE THE SENTENCE MEANINGFUL AND COMPLETE

53 Despite the mixtures being _____, we found that by lowering its temperature in the laboratory we could dramatically reduce its tendency to vaporize.

- a. resilient
- b. volatile
- c. homogenous
- d. boiling

- 54 His listeners enjoyed his _____ wit but his victims often laughed at its satire.
- a. acid
 - b. sarcastic
 - c. caustic
 - d. subtle

For the word given below, choose the most appropriate phrase.

- 55 **Agnostic**
- a. One who does not believe in God
 - b. One who believes in God
 - c. One who doubts the existence of God
 - d. One who doubts non existence of God

- 56 **Elegy**
- a. A poem of Joy
 - b. A poem of Love
 - c. A Poem of Mourning
 - d. A poem of Hatred

- 57 **Fratricide**
- a. Murder of brother
 - b. Murder of Sister
 - c. Murder of Mother
 - d. Murder of Father

Which pair of words in the options are related to each other in the same way as the capitalized pair?

- 58 **CICERONE : SIGHTSEER**
- a. Understudy:Actor
 - b. Audio:Video
 - c. Baedeker:tourist
 - d. Mentor:Guidance

- 59 **QUISLING : TREASON**
- a. Accomplice:guilt
 - b. Murder:homicide
 - c. Renegade:loyalty
 - d. Perjurer:arson

- 60 **POLLYANA : OPTIMISM**
- a. Diehard:resistance
 - b. Environmentalist:pollution
 - c. Malingerer:illness
 - d. Reactionary:change

61 **LARGE : GARGATUAN**

- a. Emaciated:thin
- b. Wise:Machiavellian
- c. Obese: stout
- d. Small : tiny

Each question below has a sentence. From the choices provided, identify the one which best restates the given sentence.

62 **Uneasy lies the head that wears a crown**

- a. Uneasily lies the head that wears a crown
- b. Uneasy is the head wearing a crown
- c. The head which wears the crown lies uneasy
- d. The head which is wearing the crown lies uneasy

63 **That man is aggressive by nature is a hard fact of life and no one can deny it.**

- a. That man is aggressive by nature is a hard fact of life which none can deny.
- b. That man is aggressive by nature is a hard fact of life and no one can deny it
- c. That man is aggressive by nature is a hard fact of life and not one can deny
- d. That man is aggressive by nature is hard for anyone to deny.

64 **A man becomes wiser with age and experience.**

- a. A man as he is aged and experienced becomes wiser
- b. A man with age and experience becomes wiser
- c. A man as he is aged and experienced becomes the wiser
- d. With age and experience, a man becomes wiser

Each of the following idioms is followed by four meanings. Choose the correct meaning:

65 **To fly off the handle**

- a. to be airborne
- b. to lose one's temper
- c. to be indifferent
- d. to dislocate

66 **To worship the rising sun.**

- a. to welcome the coming events
- b. to honour a man who is coming into office.
- c. to honour the promising people
- d. to welcome the coming guests.

67 **The Alpha and Omega.**

- a. A Shakespearean play
- b. Beginning and end.
- c. A Greek song
- d. A Swiss watch.

68 **To set the Thames on fire.**

- a. to wreak evil on something.
- b. to do a heroic deed.
- c. to destroy with fire
- d. to try to do the impossible.

END OF PART B

PART C

- 69 A new employee is being introduced to the organization, its business, organization culture, its values and believes and his job. What is this procedure termed as?
- a Selection
 - b Placement
 - c Induction
 - d Recruitment
- 70 The process where two or more part time employees share the work of a fulltime employee is termed as -----
- a Works sharing
 - b task sharing
 - c Job sharing
 - d condensed work
- 71 A trade union wanted to follow non-violence in implementing industrial relations. Through this approach they plan to bring about a solution to their problems. Which approach to industrial relation is the union following?
- a Sociological approach
 - b Psychological approach
 - c Human relations approach
 - d Gandhian approach
- 72 Making a head start in a career without any planning and then feeling dis engaged is termed as
- a Career drift
 - b Career shift
 - c Career rift
 - d Career growth
- 73 When employees working within an organization recommend their friends or acquaintances for vacant positions in an organization, it refers to
- a Future referrals
 - b Employee referrals
 - c Internal search
 - d Group referrals

- 74 Which strategy of socialization organizations do not try to orient the individuals joining them but try to take advantage of their new and unique abilities
- a Investiture
 - b Divestiture
 - c Serial
 - d Disjunctive
- 75 A person is detained under Preventive Detention law when
- a he is likely to commit an act of damage to Government property
 - b he is likely to cause harm to the public
 - c he is about to escape from India
 - d he is about to violate law made by the Central Government
- 76 State can make special provisions for the advancement of
- a Socially and Educationally Backward Classes
 - b Educationally Backward Classes
 - c Socially and Economically Backward Classes
 - d Electoral processes in the State
- 77 The Directive Principles of State Policy to be followed by the State for securing economic justice does not include
- a equal pay for equal work
 - b to secure uniform civil code
 - c equal right of men and women to adequate means of livelihood
 - d to protect health and strength of workers
- 78 Under which Article of the Constitution, the Council of State (Rajya Sabha) has a Chairman and Deputy Chairman
- a Article 109
 - b Article 108
 - c Article 89
 - d Article 91
- 79 For an Election to Lok Sabha, each State shall be divided into—
- a Electoral Constituencies
 - b Territorial Constituencies
 - c Union Territory Constituencies
 - d State Constituencies
- 80 Which House shall not be a subject to dissolution—
- a Lok Sabha
 - b House of People
 - c Council of State
 - d Lower House of State Legislature

- 81 Which Constitutional Article defines official language for communication between the state and another state and the Union—
- a Article 349
 - b Article 346
 - c Article 243
 - d Article 305
- 82 Who has the authority to recommend imposition of President's Rule in the state—
- a Parliament
 - b Lok Sabha
 - c State Legislature
 - d Council of State
- 83 If Contractor fails to pay wages, the principal employer is liable to pay the same to the workers and recover from the dues payable to the Contractor as per _____ of Contract Labour (Regulation and Abolition) Act, 1970
- a Section 21
 - b Section 22
 - c Section 23
 - d Section 24
- 84 Under brain storming method, a problem is passed and ----- are invited from the trainees
- a Suggestions
 - b Criticisms
 - c Ideas
 - d Solution
- 85 Industrial Disputes Act 1947 provides for settlement of ----- through conciliation, arbitration and adjudication
- a disagreement
 - b awards
 - c strikes
 - d disputes
- 86 Which of the following is not a part of National Income?
- a Wages and Salary
 - b Profits
 - c Rent
 - d Interest on National Debt

- 87 **State has been directed to provide employment, education and public assistance in cases of unemployment for the unemployed, aged, sick and disabled_____**
- a Irrespective of economic capacity of the nation
 - b Out of the borrowings
 - c Out of Consolidated Fund
 - d Within the economic capacity of the State
-
- 88 **What kind of system of voting followed in President's election?**
- a A open ballot system
 - b Voting by oral announcement
 - c Secret ballot system
 - d Partial ballot system
- 89 **Who is the authorized person to remove the President after the Impeachment Motion is passed by the Parliament?**
- a Chief Justice of India
 - b Vice-President.
 - c Prime Minister
 - d Parliament
- 90 **Constitution empowers State Governments to make special Law for**
- a Women and children
 - b Mining workers
 - c Farmers
 - d Unemployed youth
- 91 **While settling the controversial issue of reservations, the Supreme Court referred to "creamy layer". What does this signify?**
- a Defence Services Personnel
 - b People from APL category
 - c Economically better – off people
 - d Persons having very large income
- 92 **Finance Commission will recommend to the President of India**
- a distribution of net proceeds of taxes between union and states
 - b distribution of grants-in-aid from state funds to local Govt. bodies
 - c distribution of grants-in-aid to universities
 - d grant to states to meet the expenses for natural calamities

- 93 The Minimum Wages Act, 1948 is based closely on the lines of conventions and recommendations of the
- a International Labour Organisation
 - b Fair Wages Committee
 - c Planning Commission
 - d Industrial Tribunals
- 94 By which amendment of the constitution, Govt provides reservation for SC & ST in promotion in Govt Service?
- a 75th amendment
 - b 77th amendment
 - c 76th amendment
 - d 78th amendment
- 95 In the case of disagreement on a Bill in two houses of Parliament
- a A special Parliamentary Committee is formed to resolve
 - b The Prime Minister intervenes
 - c The President casts a deciding vote
 - d A joint sitting of the two Houses of the Parliament is convened
- 96 As per Factories Act, 1948, canteen should be provided in a factory where more than _____ number of workers are employed
- a 100
 - b 250
 - c 600
 - d 1000
- 97 When a young person joins an organization, he needs a senior person in whom he can confide and get advice and support. Such relationship may be called
- a Mentoring
 - b Counselling
 - c Listening
 - d Understanding
- 98 Job evaluation is a technique which aims at
- a Establishing fair and equitable pay structure
 - b Analyzing of requirement of updating technology
 - c Assessing safety requirement of jobs
 - d Improving productivity

- 99 In the case the matter relates to life and death the information under RTI should be provided within what time?
- a 12 Hours
 - b 24 Hours
 - c 48 Hours
 - d 72 Hours
- 100 The court can take cognizance of an offence committed by contract labour if such complaint is received within _____
- a 1 month
 - b 2 months
 - c 3 months
 - d 4 months
- 101 In case of failure on the part of the contractor to pay wages either in part or in full _____ is liable to pay the same
- a Contract Manager
 - b Principal Employer
 - c Labour Commissioner
 - d Official Receiver
- 102 'Humility' is an important characteristic of
- a Type V leader
 - b Type IV leader
 - c Type III leader
 - d Type II leader
- 103 Under the Constitution of India, Right to Education is
- a not a fundamental right
 - b a fundamental right
 - c under the State policy
 - d under the Union Policy
- 104 Every industrial establishment employing _____ or more workmen shall have one or more Grievance Redressal Committee for the resolution of disputes arising out of individual grievances.
- a 10
 - b 18
 - c 20
 - d 25

END OF PART C

PART – D

I. Write an essay on **any one** of the topics not exceeding 800 words:

- a) Terrorism and its effect on national development.
- b) Price rise – Impact on common man.
- c) Right to Information in India.
- d) Corruption in public life.

[1x10 = 10]

II. Write a letter to your friend encouraging him to give up smoking bringing out the health hazards.

OR

Write a letter to the Commissioner, Municipal Corporation of your locality requesting to shift the city garbage dump yard located near to your dwelling unit bringing out the reasons.

[1x10 = 10]

END OF PART D