

INDIAN SPACE RESEARCH ORGANISATION  
HEADQUARTERS  
BANGALORE

WRITTEN TEST FOR RECRUITMENT TO THE POST OF  
PURCHASE & STORES OFFICER

TEST BOOKLET:

**A**

Date : April 17, 2011 – Sunday

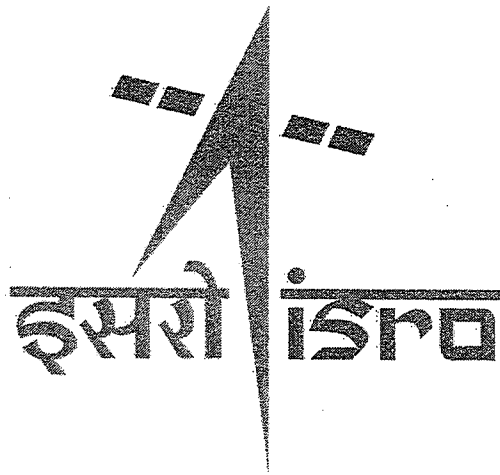
Time : 1000 hrs. to 1230 hrs.

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

**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

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INDIAN SPACE RESEARCH ORGANISATION

## PART A

1. 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
  
2. 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
  
3. 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
  
4. 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
  
5. 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

6. **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
7. **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
8. **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
9. **Which country is called 'The Playground of Europe'?**
- a England
  - b France
  - c Switzerland
  - d Italy
10. **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
11. **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

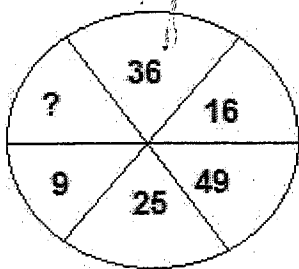
12. Who amongst the following was awarded Noble Prize for path breaking contributions to develop treatment for Parkinson's disease?

- a Robert B. Laughlin
- b Ferid Murad
- c Walter Kohn
- d Arvind Carlson

13. "The Fifth Column" is generally referred to as

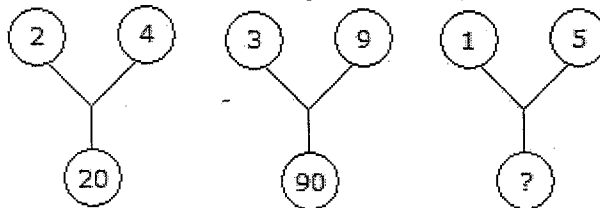
- a Terrorists
- b Bureaucracy
- c Traitors
- d 5<sup>th</sup> column of Parliament of India

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



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

15. Which number will replace the question mark?



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

16. 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
17. 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
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

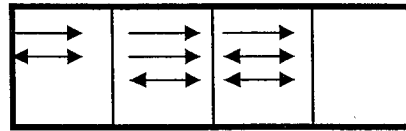
21. If NUMERICAL is written as MVL FQJBBK, then how would ASTROLOGY be written in this code ?
- a BRSTMNNHX
  - b ZTSSNMNHX
  - c ZTUSPMPEZ
  - d BRWSSNKNHX
22. Which of the following Writs is issued by the Court in case of illegal detention of a person.
- a Quo Warranto
  - b Certiorari
  - c Mandamus
  - 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 13<sup>th</sup> Finance Commission ?
- a C Rangarajan
  - b Bimal Jalan
  - c Vijay L Kelkar
  - d Samir Brahmachari

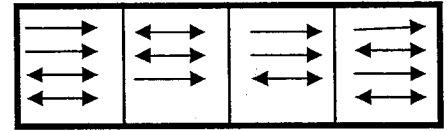


32. In the following question which one of the Answer Figure should come after the Problem Figure if the series is continued?

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**

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

**37      INSINUATE**

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

**38      CALLOUS**

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

**39      CONTINENCE**

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

**40      ABSTEMIOUS**

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

**41      QUIBBLE**

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

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

**42      SOOTHE**

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

43 **ASTUTE**

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

44 **FURTIVE**

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

45 **EPILOGUE**

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

46 **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**

47 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

48 His listeners enjoyed his \_\_\_\_\_ wit but his victims often laughed at its satire.

- a. acid
- b. sarcastic
- c. caustic
- d. subtle

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

- 49 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]

- 50 There was a number of conferences which produced little  
[a] [b] [c]  
of practical value.  
[d]

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

- 51 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

- 52 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

- 53 "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

54 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

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 **Fatricide**

- 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 **At the time of manufacture of product X attracts 14% Basic Excise Duty. At the time of removal the rate of duty is 8%. Which is the duty attracts for the product X.**
- a 14%
  - b 8%
  - c 11% (average)
  - d Zero (Because the rate has changed)
- 70 **Service tax registration is mandatory if the value of taxable service exceeds Rs.....**
- a 10 Lakhs
  - b 5 Lakhs
  - c 8 Lakhs
  - d 9 Lakhs
- 71 **The carriage of goods partly by the ship in the sea water or by land or by the ship of another for an inclusive freight is called:**
- a Clean Bill of Lading
  - b Transfer Bill of Lading
  - c Through Bill of Lading
  - d Shipment Bill of Lading
- 72 **The type of spare which are procured along with the capital equipment and of critical nature is called**
- a Breakdown spare
  - b Maintenance spare
  - c Insurance spare
  - d None of the above
- 73 **The CENVAT credit is available either to the manufacturer or producer of final products or provider of taxable services on**
- a inputs received in the factory of manufacture of final products
  - b Capital goods received in the factory of manufacture of final products
  - c the inputs that are directly used in manufacturing of exempted goods
  - d input services received by the manufacturer of final product
- 74 **A quasi-contract**
- a is a contract
  - b is an agreement
  - c creates only a legal obligation
  - d Is a memorandum of understanding



- 75 Which of the following processes involves obtaining information (bids and proposals) from prospective sellers?
- a Procurement Planning
  - b Contract Administration
  - c Source Selection
  - d Solicitation
- 76 Warranties are given in two manners, either implied or expressed. The implied warranty differs from the expressed warranty in that the implied warranty \_\_\_\_\_
- a Is always given by a sales person
  - b Is always written at the time of sale
  - c Gives specific descriptions of the product's qualities
  - d Is not a recorded statement of the characteristics of the product
- 77 Which one of the following statements concerning the Sale of Goods Act is false?
- a It is intended to fill the gaps in the terms of a contract
  - b It applies to all situations where goods are bought and sold
  - c Provisions of the Act prevail over terms in the contract
  - d It can impose terms and conditions on the parties to a contract
- 78 Section 2 (41) of the Customs Act, 1962 defines \_\_\_\_\_ in relation to any goods to mean the value thereof determined in accordance with the provision of sub-section (1) of Section 14 thereof.
- a 'value'
  - b 'cost'
  - c 'price'
  - d 'duty'
- 79 For Premier Trading House (PTH), the average level of exports under EPCG Scheme shall be the arithmetic mean of export performance in last \_\_\_\_\_ years.
- a 2 years
  - b 5 years
  - c 3 years
  - d 10 years
- 80 The Export Promotion Capital Goods (EPCG) Scheme gives the manufacturer facility for import of capital goods for export production at concessional rate of duty \_\_\_\_\_ against certain level of export obligation over a period of time.
- a 5%
  - b 10%
  - c 15%
  - d 20%

81 \_\_\_\_\_ of the Indian Contract Act deals with Doctrine of Frustration.

- a Section 55
- b Section 56
- c Section 60
- d Section 16

82 Discounted Cash Flow concept is based on the \_\_\_\_\_ of money

- a intrinsic value
- b discounted value
- c time value
- d Internal rate of return

83 \_\_\_\_\_ is one of the key aspects of Mercantile Law.

- a Uniform Commercial Code (UCC)
- b Insurance
- c NPV
- d Inspection

84 \_\_\_\_\_ term is used for ocean shipments that are not containerized.

- a FOB
- b CPT
- c CFR
- d CIF

85 Buffer inventory is required as?

- a Compensation for differences in the timing of supply and demand
- b Compensation for the uncertainties inherent in supply and demand
- c One or more stages in the operation cannot supply all the items it produces simultaneously
- d Material cannot be transported instantaneously between the point of supply and the point of demand

86 One of the underlying assumptions of the EOQ model is that?

- a Replenishment is non-instantaneous
- b Demand is unstable and unpredictable
- c The purchase price per unit varies with the quantity ordered
- d There is a point where stockholding costs are equal to ordering costs

- 87 **Under the ABC system of inventory priorities of a Class A item is?**
- a The 80% of high-value items that account for around 20% the total stock value
  - b The 20% of high-value items that account for around 20% the total stock value
  - c The 20% of high-value items that account for around 80% the total stock value
  - d The 80% of high-value items that account for around 80% the total stock value
- 88 **What is true for the service tax in Union Budget 2011-12 ?**
- a It is raised from 10 to 12%
  - b It is left unchanged at 11%
  - c It is left unchanged at 10%
  - d It is reduced from 14% to 12%
- 89 **Where a party to contract transfers his rights under the Contract to another person, it is legally known as**
- a Novation of Contract
  - b Rescission of Contract
  - c Waiver of Contract
  - d Assignment of Contract
- 90 **The minimum annual acceptable rate of return on an investment is the**
- a Internal rate of return
  - b Accounting rate of return
  - c Net present value
  - d Hurdle rate
- 91 **Balance of Trade means:**
- a Total trade
  - b Difference between imports and exports
  - c The profit earned by a trader
  - d Cost price plus profit
- 92 **A breach committed during the performance of the contract is termed as:**
- a Actual breach
  - b Anticipatory breach
  - c Waiver
  - d Total breach
- 93 **In a CIF contract, the property in goods passes from the seller to the buyer when the**
- a goods are shipped
  - b goods are received by the buyer
  - c contract is entered into
  - d price is paid

- 94 **Where the neglect or refusal of the buyer to take delivery of goods amounts to a repudiation of the contract, the seller may sue for the**
- a price or damages
  - b price only
  - c damages only
  - d both for price and damages
- 95 **The real exchange rate is the**
- a same as the spot exchange rate between two currencies
  - b relative price of non-tradable goods in units of tradable goods
  - c exchange rate that gets quoted in the actual foreign exchange market
  - d exchange rate in the market on the day of transaction
- 96 **International trade in goods and services is sometimes used as a substitute for all of the following except:**
- a International movements of capital
  - b International movements of labour
  - c International movements of technology
  - d Domestic production of different goods and services
- 97 **Services are taxable only when defined under**
- a Section 65 (105) of Finance Act, 1994
  - b Section 64 (105) of Finance Act, 1994
  - c Service Tax rules
  - d Section 4 of the Central Excise Act, 1944
- 98 **How many Schedules are there under the VAT Act**
- a Five Schedules
  - b Six Schedules
  - c Seven Schedules
  - d Eight Schedules
- 99 **Who is not a VAT DEALER?**
- a Sole Proprietor
  - b Partnership firm
  - c Private Company
  - d Commission Agent

- 100 **A Central Excise Officer may serve notice on the person chargeable with the duty which has not been levied or paid (or to whom the refund has been erroneously made) within**
- a 3 months from the relevant date
  - b 6 months from the relevant date
  - c 9 months from the relevant date
  - d 12 months from the relevant date
- 101 **If the seller brings the goods to the named destination at his own expenses, it is called**
- a FOB
  - b FAS
  - c FCA
  - d CPT
- 102 **When there are regular shipments of same commodity between supplier and customer in case of foreign trade the type of Letter of Credit issued as a source of payment is**
- a Stand by Letter of Credit
  - b Irrevocable Letter of Credit
  - c Revocable Letter of Credit
  - d Revolving Letter of Credit
- 103 **For payment of Customs Duty in respect of goods imported the document submitted to the Customs by the Importer for Duty Assessment and clearance of goods is called**
- a Bill of Entry
  - b Bill of Lading
  - c Air Way Bill
  - d Shipping Bill
- 104 **CIN stands for**
- a Challan Identification Number
  - b Cash Identification Number
  - c Commission Identification Number
  - d Central Information Number

**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**