

**EXAMINATION FOR RECRUITMENT OF EXECUTIVE ASSISTANT FOR THE
NATIONAL INSTITUTE OF WIND ENERGY, GOVT. OF INDIA**

JANUARY 2017

Name: _____

Roll No:

--	--	--	--	--	--	--

INSTRUCTION TO CANDIDATES

1. Each candidate will be supplied with a Question Paper Booklet and an Optical Mark Reading (OMR) answer sheet.
2. There are totally 120 questions printed in 20 pages of the Question Paper Booklet. Kindly check whether all pages is intact.
3. Time allotted for the examination is 120 minutes.
4. For rough work, there are sheets provided at the end of the question paper booklet. Writing is not allowed in the other pages of question paper booklet.
5. Do **NOT** start writing till you are instructed to start.
6. Answers are to be marked **ONLY** on the Optical Mark Reading (OMR) answer sheet provided.
7. Answers marked on the Question Paper Booklet will not be considered.
8. Mark your answers by **darkening the oval** for the  alternatives A, B, C, D,  for each of the questions on the Optical Mark Reading (OMR).
9. Candidates writing the examination will not be allowed out of the examination hall until the examination is over (In case of emergency the invigilator should obtain permission from the Chief Controller of Examination.)
10. All candidates should return both the Question Paper Booklet and Optical Mark Reading (OMR) after completion, before leaving.
11. Roll No. and Name should be written both on the Question Paper Booklet and on the Optical Mark Reading (OMR) in the designated places. No writing on any other part of the Optical Mark Reading (OMR) answer sheet is allowed.
12. All candidates should sign in Optical Mark Reading (OMR) answer sheet.
13. Written test call letter will be verified by the invigilator.
14. Question not answered will carry no mark. Wrong answers will result in **NEGATIVE** marks. For every wrong answer, one-fourth ($1/4^{\text{th}}$) mark will be deducted.
15. The answers for each of the questions are to be marked on a separate, specially designed, machine-gradable sheet of paper (Optical Mark Reading). While answering each of the questions the candidate is expected to darken the bubble(s) against correct answer(s).
16. **Wish you all the best!**

Directions:

- (i) Answer **all** Questions
- (ii) Answers should be marked only on the OMR answer sheet provided
- (iii) Each Question carries **One Mark**.
- (iv) Questions NOT answered will carry no mark.
- (v) For every wrong answer, one-fourth ($1/4^{\text{th}}$) mark will be deducted.

Directions for the questions 1 & 2: In a certain code language "PAT JIE JOE" means "DARK BLACK PLANT". "KIT JIE PAT" means "WHITE BLACK PLANT" and "JOE SAT KIT" means "DARK AND WHITE".

1. What is the code for "WHITE"
 - A. sat
 - B. kit
 - C. joe
 - D. pat
2. What is the code for "BLACK"
 - A. kit
 - B. jie
 - C. pat
 - D. either "pat" or "jie"
3. If in a certain code language letter "A" is coded as 1, letter "B" is coded as 2 and so on. How is **MESSON** coded in that code?
 - A. 1251919431
 - B. 13519191514
 - C. 13519191415
 - D. 14519191415
4. If **MADRAS** is coded as **517916** and **TENANT** is coded as **432124**. Then, how would you encode **RMSTSN**?
 - A. 851353
 - B. 951363
 - C. 951462
 - D. 941562
5. In the given code A =1, B =2, C =3 etc., and BASIS = 50. Then WORLD =
 - A. 67
 - B. 74
 - C. 84
 - D. None of these

Directions for the questions 6 to 8: Read the following letter-symbol sequence carefully and answer the questions given below:

Z G J T \$ Δ V T S # P N Q T \$ T Δ F R T P Z # \$ X T \$ M L

6. How many such "T" "S" are there in the above sequence which are immediately preceded by a letter immediately followed by a symbol?
A. 4
B. 6
C. 5
D. None of these
7. How many times the symbol # precedes a symbol and follows a letter?
A. 3
B. 1
C. 2
D. 4
8. If all the symbols from the above sequence are dropped and all the letters are written in the reverse order, what will be the position "Q" from your left?
A. 9th
B. 13th
C. 10th
D. 12th

Directions for the questions 9 & 10: Suppose in an imaginary mathematical system, addition is represented by the symbol X, subtraction by ÷, multiplication by + and division by -. In this system

9. Which of the following is **NOT** true?
A. $2 \times 2 = 4$
B. $3 \times 3 = 6$
C. $3 + 3 = 6$
D. $9 \times 3 \div 3 = 10$
10. Which of the following is true?
A. $27 - 3 = 24$
B. $35 \times 2 = 70$
C. $2 \times 2 = 4$
D. $25 \times 2 = 50$
11. If "8" is related to "32", In the same way "10" is related to?
A. 74
B. 64
C. 50
D. 48

Directions for the questions 12 to 16: *Read the following information carefully and answer the questions.*

There are five boys in a class-**Kasi, Mani, Arjun, Ravi and Suresh**, Mani is the tallest, Suresh is shorter than Kasi but taller than Ravi. Arjun is little shorter than Kasi and little taller than Suresh.

12. If they stand in the order of their heights who will be in the middle?
 - A. Kasi
 - B. Ravi
 - C. Suresh
 - D. Arjun
13. Who is the shorter?
 - A. Ravi
 - B. Suresh
 - C. Arjun
 - D. Kasi
14. If they are seated in the ascending order of heights, who will be the second?
 - A. Arjun
 - B. Suresh
 - C. Ravi
 - D. Kasi
15. Who is the second tallest?
 - A. Suresh
 - B. Kasi
 - C. Arjun
 - D. Ravi
16. Who is taller than Arjun but shorter than Mani?
 - A. Kasi
 - B. Ravi
 - C. Suresh
 - D. Data inadequate

Directions for the questions 17 to 19: *Series of number are given. The series follow certain pattern. Recognize the pattern and complete the series.*

17. 3, 10, 101, ?
 - A. 10203
 - B. 10202
 - C. 10201
 - D. 221

18. 3, 5, 9, 17, ?

- A. 29
- B. 33
- C. 36
- D. 43

19. 4, 16, 36, 64, ?

- A. 78
- B. 86
- C. 100
- D. 121

20. What should come in the place of question mark? In the following series? AT RC EP NG ?

- A. MG
- B. IJ
- C. IL
- D. LN

Directions for the questions (21-22): In each question below are given two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts. Read the two conclusions and then decide which of them logically follows from the given statements, disregarding commonly known facts.

Give Answer:

- A. If only conclusion "I" follows
- B. If only conclusion "II" follows
- C. If either "I" or "II" follows
- D. If neither "I" nor "II" follows

21. Statements:

Some CATS are LIONS

Some LIONS are RATS

Conclusions:

- (I) Some CATS are RATS
- (II) Some RATS are LIONS

22. Statements:

Some BIRDS are TREES

No TREE is an ANIMAL

Conclusions:

- (I) Some BIRDS are ANIMALS
- (II) Some ANIMALS are TREES

23. Ashok walks 6 km towards east. He turns right and walks 10 km. He again turns right and walks another 6 km. Finally he turns to his left and walks 15 km. In which direction and at what distance is Ashok from the original position?
- 20 km south
 - 25 km south
 - 25 km south
 - 20 km north
24. A man said to a woman; the sister of your mother's husband is my aunt. How the woman is related to the man?
- Daughter
 - Grand daughter
 - Mother
 - Sister
25. If 1st July is Monday, then in the same year 1st August will be
- Sunday
 - Monday
 - Thursday
 - Wednesday
26. Suresh is 18th from the top in a class of 39 students. What will be his rank from the bottom?
- 22nd
 - 23rd
 - 20th
 - 21st
27. "FILM" is related to "PRODUCER" in the same way "PREY" is related to
- HUNTER
 - FARMER
 - TEACHER
 - JUDGE

28. Choose the alternative which is closely resembles the water-image of the given combination

NUCLEAR

(1) **BAEFGUW**

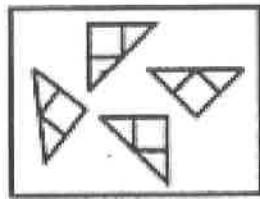
(3) **NUCEAEB**

(2) **NUCTEAB**

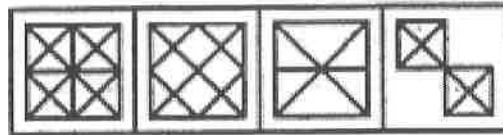
(4) **NUCE EAB**

- (1)
- (2)
- (3)
- (4)

29. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X).



(X)



(1)

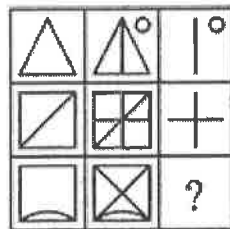
(2)

(3)

(4)

- A. (1)
B. (2)
C. (3)
D. (4)

30. Select a suitable figure from the four alternatives that would complete the figure matrix



(1)

(2)

(3)

(4)

- A. (1)
B. (2)
C. (3)
D. (4)

Directions for the questions (31-35): Choose the word/group of words which is **most opposite** in meaning to the word/group of words printed in bold as used in the passage.

31. DEFTLY

- A. nimbly
B. artistically
C. skillfully
D. sluggishly

32. IN AN INSTANT

- A. in lieu of
- B. quickly
- C. at once
- D. on each day

33. ABORTIVE

- A. Not good
- B. premature
- C. fruitful
- D. failure

34. PARAMOUNT

- A. chief
- B. supreme
- C. trivial
- D. inferior

35. RIFE

- A. efficient
- B. inadequate
- C. insufficient
- D. enough

Directions for the questions (36-40): The following sentences are divided into four parts viz., (A), (B), (C) and (D). Point out which one of these parts is wrong.

36. The students only wrote / on one side of / the paper / No Error.

- (A) (B) (C) (D)

37. Neither the colour / nor the size / of the shirt / were right.

- (A) (B) (C) (D)

38. All the players / of this team / are friendly / they love each other.

- (A) (B) (C) (D)

39. The team / are divided / in this opinion / about playing on Friday.

- (A) (B) (C) (D)

40. Each of the ten girls / in the class / has finished / their work.

- (A) (B) (C) (D)

Directions for the question: 41 to 45: Four alternatives are given for the idiom / phrases given in **Bold Letters** in the sentence choose the one which expresses the meaning of idiom / phrases perfectly.

41. Ram has **gained ground** by his handsome efforts.

- A. unpopular
- B. became popular
- C. popularity
- D. most popular

42. My sister is **all in all** in my family.

- A. all
- B. entire
- C. completely
- D. everything

43. All his talk **add up** to his desire to quit the job.

- A. to indicate
- B. sense
- C. due
- D. made

44. Food with sugar **does not** agree with me.

- A. not suitable
- B. amenable
- C. to suit
- D. sensible

45. The ancient buildings were **on the rocks**

- A. waste
- B. ruined
- C. not good
- D. destroyed

Directions for the question: 46 to 50: In the following passage there are blanks each of which has been numbered. These numbers are printed below the passage and against each, four words are suggested. One of which fits the blank correctly. Find out the correct word in each case.

Building a house is a _____(46)_____ necessity than a dream. People are quite _____(47)_____ with paying _____(48)_____ sums of money as monthly rent. _____(49)_____ find it difficult to _____(50)_____ the house with the limited income.

46.
A. good
B. find
C. true
D. real
47.
A. depressed
B. fed up
C. disgusted
D. worried
48.
A. good
B. big
C. huge
D. large
49.
A. people
B. they
C. the man
D. the family
50.
A. pay
B. co-oprative
C. run
D. manage

Directions for the questions (51-55): *Fill up the blank with suitable prepositions*

51. The worker refused to grovel ----- the feet of his master.

- A. On
B. about
C. upon
D. at

52. The peasant was killed ----- a dagger

- A. by
B. with
C. at
D. on

53. It is not advisable to enter ----- the enemy's camp.
A. with
B. for
C. on
D. into
54. Finding myself short ----- money, I wrote to my father.
A. by
B. with
C. since
D. of
55. The mother was anxious ----- the welfare of her children
A. about
B. at
C. on
D. upon

Directions for the questions (56-60): Find out the synonym of the given word from the alternatives given under it.

56. ABERRATION
A. deviation
B. deviate
C. drive
D. direction
57. GLEE
A. happy
B. joy
C. enjoy
D. cheerfulness
58. PARAGON
A. example
B. perfect example
C. parade
D. pretend
59. REDRESS
A. confirmation
B. information
C. reparation
D. reformation

60. TREASON

- A. narrate
- B. disposition
- C. disloyalty
- D. submissive

61. In a mixture of 35 litres, the ratio of milk and water is 4:1. Another 7 liters of water is added to the mixture. Then the ratio of milk and water in the resulting mixture is

- A. 5:1
- B. 1:5
- C. 2:1
- D. 6:1

62. "A" can do $\frac{3}{4}$ of a work in 12 days. He can finish $\frac{1}{2}$ of the work in how many days

- A. 6 days
- B. 9 days
- C. 8 days
- D. 4 days

63. "A" takes, 5 hours more than time taken by "B" to complete a certain work. If working together, they can complete the work in 6 hours. Then the members of that "A" takes to complete the work is

- A. 12 hrs
- B. 15 hrs
- C. 6 hrs
- D. 10 hrs

64. 12 men can complete a work within 9 days. After 3 days they started the work 6 men joined them to replace 2 men. How many days will they take to complete the remaining work?

- A. 4 days
- B. $2\frac{1}{2}$ days
- C. 2 days
- D. $4\frac{1}{2}$ days

65. A boy goes to school with a speed of 3 kmph and returns with a speed of 2 kmph. If he takes 3 hours in all, find the distance between the village and the school

- A. 5 kms
- B. 4 kms
- C. 6 kms
- D. $2\frac{1}{2}$ kms

66. In an examination 75% of the total candidates passed in English and 65% in Mathematics. While 15% failed both in English and Mathematics. If 495 candidates passed in both the subject find the total Number of candidates.
- A. 600
 - B. 850
 - C. 900
 - D. 1050
67. From his salary, an officer spends 10% as house rent, 20% of the rest he spends for his children education 15% for dress material. After this expenditures he left with Rs.3060. His salary is
- A. Rs.4000
 - B. Rs.4200
 - C. Rs.5000
 - D. Rs.6000
68. The average of marks in mathematics for 5 students was found to be 50. Later on it was found that in the case of one student, the marks 48 were misread as 84. Find the correct average
- A. 34.8
 - B. 62.8
 - C. 52.8
 - D. 42.8
69. A retailer purchase a sewing machine at a discount of 15% and sells it for Rs.1955. In the bargain he makes a profits of 15%. What is the marked price of the machine.
- A. Rs.2100
 - B. Rs.2000
 - C. Rs.2400
 - D. Rs.2500
70. A,B,C form partnership with capitals Rs. 30,000, 50,000 and Rs.20,000 respectively. Each partner receives 10% interest on his capital. C receives management salary of Rs. 500 per month out of profit. Find the total amount received by partner C if the total profit before paying interest and salary amounts to Rs. 40,000.
- A. Rs. 10,200
 - B. Rs. 17,000
 - C. Rs. 12,800
 - D. Rs. 12,000
71. The banker's discount on a bill due 4 months hence at 15% is Rs. 420. The true discount is
- A. Rs.400
 - B. Rs.360
 - C. Rs.380
 - D. Rs.420

72. In order to obtain an income of Rs. 650 from 10% stock at Rs. 96, one must make an investment of
- A. Rs.3100
 - B. Rs.6240
 - C. Rs.6500
 - D. Rs.9600
73. Three pipes A, B and C can fill a tank from empty to full in 30 minutes, 20 minutes, and 10 minutes respectively. When the tank is empty, all the three pipes are opened. A, B and C discharge chemical solutions P, Q and R respectively. What is the proportion of the solution R in the liquid in the tank after 3 minutes?
- A. 5/11
 - B. 6/11
 - C. 7/11
 - D. 8/11
74. Aryan got 350 marks and Vidhya scored 76 percent marks in the same test. If Vidhya scored 296 marks more than Aryan, what were the maximum marks of the test?
- A. 950
 - B. 650
 - C. 900
 - D. 850
75. 855 candidates applied for a job out of which 80% of the candidates were rejected. How many candidates were selected for the job?
- A. 684
 - B. 151
 - C. 676
 - D. None of these
76. Two trains 200 metres and 150 metres long running in opposite directions at 45 kmph and completely pass each other in
- A. 20 secs.
 - B. 16 secs.
 - C. 12 secs.
 - D. 18 secs
77. A train moving with a uniform speed of 60 kmph crosses a pole in 6 secs. Then the length of the train is
- A. 120 mts.
 - B. 60 mts.
 - C. 80 mts.
 - D. 100mts

78. A washing machine listed at Rs.3200 is sold to a retailer at successive discounts of 25% and 15%. The retailer desires a profit of 20% of his cost price after allowing a discount of 10% to the customer. At what price should he list the washing machine.
- Rs.3000
 - Rs.2720
 - Rs.2200
 - Rs.2400
79. Balu bought 25 kg, of wheat at Rs.7.00 per kg, and 35 kg. of wheat at Rs.6.00. He mixed the two and sold the mixture at the rate of Rs.7.50/kg. What was his gain or loss in this business?
- Loss of Rs.65
 - Profit Rs.80
 - Profit Rs.65
 - Loss of Rs.80
80. In a class, ratio between girls and boys is 1:4, If the number of boys is 44, what is the total strength of the class?
- 45
 - 55
 - 48
 - 43
81. If one-third of one-fourth of a number is 15, then three-tenth of that number is
- 35
 - 36
 - 45
 - 54
82. 0.04×0.0162 is equal to
- 6.48×10^{-3}
 - 6.48×10^{-4}
 - 6.48×10^{-5}
 - 6.48×10^{-6}
83. IF $\frac{30\% \text{ of } 80}{x} = 24$, then the value of x is
- 0
 - 2
 - 3
 - 1

84. $\frac{\log \sqrt{8}}{\log 8}$ is equal to

- A. $1/\sqrt{8}$
- B. $1/4$
- C. $1/2$
- D. $1/8$

85. The value of a machinery set depreciate at the rate of 10% after each year. It was purchased 3 years ago. If its present value is Rs.4374, the purchase price is

- A. Rs.4600
- B. Rs.6000
- C. Rs.6400
- D. Rs.6800

86. The ratio between the length and the breadth of a rectangular park is 3 : 2. If a man cycling along the boundary of the park at the speed of 12 km/hr completes one round in 8 minutes, then the area of the park (in sq. m) is:

- A. 15360
- B. 153600
- C. 30720
- D. 307200

87. Father is aged three times more than his son Ronit. After 8 years, he would be two and a half times of Ronit's age. After further 8 years, how many times would he be of Ronit's age?

- A. 2 times
- B. $2\frac{1}{2}$ times
- C. $3\frac{1}{2}$ times
- D. 3 times

Directions for the questions (88-90) What should come in place of the question mark (?) in the following questions?

88. $38.734 + 8.638 - 5.19 = ?$

- A. 41.917
- B. 42.179
- C. 43.072
- D. 42.182

89. $(12 \times 19) + (13 \times 8) = (15 \times 4) + ?$

- A. 124
- B. 122
- C. 126
- D. 128

90. $\sqrt{65 \times 12 - 50 + 54} = ?$

- A. $\sqrt{28}$
- B. 28 2
- C. 28
- D. 784

91. The government has aimed to roll out Goods and Services Tax (GST) from which year?

- A. 2017
- B. 2016
- C. 2018
- D. 2019

92. Which among the following decides the Oil Prices in India?

- A. Government of India
- B. Government of Respective States
- C. Ministry of Petroleum
- D. Oil Companies

93. The maximum amount of the total Revenue earned by the government of India comes from ?

- A. Value Added Tax
- B. Income Tax
- C. Customs Duty
- D. Excise Duty

94. Which of the following is correct statement?

- A. Savings deposits are the same as current deposits
- B. No interest is paid on current deposit accounts
- C. Interest is paid on current accounts at the same rate as term deposit accounts
- D. The rate of interest on current accounts and savings accounts are the same

95. gives final approval to the five year plans

- A. Planning Commission
- B. NITI Aayog
- C. National Income committee
- D. National Development Council

96. Excise duty is a tax levied on the

- A. import of goods
- B. export of goods
- C. production of goods
- D. sale of goods

97. The state having a largest area of forest cover in India is
- A. Arunachal Pradesh
 - B. Haryana
 - C. Madhya Pradesh
 - D. Assam
98. Vijayalakshmi.Pandit was
- A. the first women minister of an Indian state (UP)
 - B. the first women to become president of the UN General Assembly
 - C. the first Indian women Ambassador to Moscow
 - D. All of the above
99. Which of the following is used in pencils?
- A. Graphite
 - B. Silicon
 - C. Charcoal
 - D. Phosphorous
100. LPG consists of mainly
- A. methane, ethane and hexane
 - B. ethane, hexane and nonane
 - C. methane, hexane and nonane
 - D. methane, butane and propane
101. Air is a/an
- A. compound
 - B. element
 - C. electrolyte
 - D. mixture
102. The present Lok Sabha is the
- A. 13th Lok Sabha
 - B. 14th Lok Sabha
 - C. 15th Lok Sabha
 - D. 16th Lok Sabha
103. The members of the Rajya Sabha are elected for a term
- A. of six years
 - B. determined by the state legislative assembly of a state
 - C. of four years
 - D. None of the above

104. The preamble to our constitution provided that India is
- A. a sovereign, socialist and democratic republic
 - B. a sovereign, socialist, secular and democratic republic
 - C. a sovereign republic with a socialist pattern of society
 - D. a socialist, secular and democratic republic
105. The national song of India was written by
- A. Bankim Chandra Chatterjee
 - B. Rabindranath Tagore
 - C. Sarat Chandra Chatterjee
 - D. Aurobindo Ghosh
106. The sector is the largest employer in India's economy
- A. Railway
 - B. Banks
 - C. Agricultural
 - D. Education
107. Who has won the 2016 Laureus World Sportsman of the Year Award?
- A. Lewis Hamilton
 - B. Usain Bolt
 - C. Novak Djokovic
 - D. Lionel Messi
108. Who is the first Indian woman to win an Asian Games gold in 400m run?
- A. M.L.Valsamma
 - B. P.T.Usha
 - C. Kamaljit Sandhu
 - D. K.Malleswari
109. How many players are there in Kabbadi team?
- A. 11
 - B. 9
 - C. 5
 - D. 7
110. In the cricket, who has scored the most Test hundreds ever?
- A. Steve Waugh
 - B. Sachin Tendulkar
 - C. Shane Warne
 - D. Sunil Gavaskar

111. An RTI application can be sent
- A. by post
 - B. by e-Mail
 - C. delivered personally
 - D. Through any of these means.
112. The words '**Satyameva Jayate**' inscribed below the base plate of the emblem of India are taken from
- A. Rig Veda
 - B. Satpath Brahmana
 - C. Mundak Upanishad
 - D. Ramayana.
113. In the last one decade, which one among the following sectors has attracted the highest foreign direct investment inflows into India?
- A. Chemicals other than fertilizers.
 - B. Services Sector
 - C. Food Processing.
 - D. Telecommunication.
114. Rajya Sabha on 3 August 2016 passed The Constitution (122nd Amendment) (GST) Bill, 2014. The Bill exempts which of the following Goods and Services from its purview?
- A. Tobacco Products
 - B. Alcohol
 - C. Steel
 - D. Furniture
115. The Taxation Laws (Amendment) Bill, 2016 passed in Lok Sabha seeks to amend the Income Tax Act of the year?
- A. 1956
 - B. 1961
 - C. 1975
 - D. 1993
116. RTI Act requires the designation of ____ within a "Public Authority"
- A. Public Information Officer(s) [PIO(s)]
 - B. Assistant Public Information Officer(s) [APIO(s)]
 - C. Senior Officer(s) to hear appeals made against unsatisfactory decisions of PIO(s)
 - D. All the above

117. Rules can be made by Appropriate Governments or Competent Authorities by notifying the rules: i) in the Official Gazette. ii) by publishing them on the website of the Appropriate Government. iii) by publishing them on the websites of Information Commissions - as applicable.

- A. i) as per the RTI Act, 2005
- B. Either i) or ii) or iii)
- C. All i), ii) & iii)
- D. Neither i) nor ii) nor iii)

118. A PIO has to forward applications for information to:

- A. PIO
- B. The head of the authority
- C. First Appellate Authority
- D. None of the above

119. "While inquiring into a complaint, Information Commissions have the power to i) summon and enforce attendance of persons. ii) compel them to give evidence on oath and produce documents or things. iii) Require discovery and inspection of documents."

- A. Only i).
- B. Only ii).
- C. "All i), ii) & iii)."
- D. Only iii).

120. "Under the Right to Information Rules, 2012, fee for inspection of records, for each subsequent hour of inspection: "

- A. Two
- B. Free
- C. Five
- D. None of the above