



Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPSC



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

AFCAT 2020 Memory Based Paper (03-Oct-2020) (Shift 1)

Total Time: 2 Hour

Total Marks: 300

Instructions

Sl No.	Section Name	No. of Question	Maximum Marks
1	Full Test	100	300

- 1.) A total of 120 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

Your Personal Exams Guide

Full Test

1. Select the figure that will come next in the following series.

(+3, -1)



2. Select the figure which will come next in the following series.

(+3, -1)





a.



b.



C.

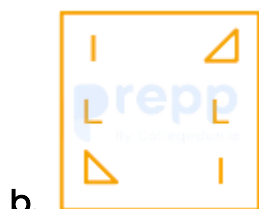


d.

3. Select the figure which will come next in the following series.

(+3, -1)





4. Select the figure which will come next in the following series.

(+3, -1)





5. Select the figure that will come next in the following figure series.

(+3, -1)





6. From the given answer figures, select the one in which question figure is hidden/embedded (Rotation not allowed). (+3, -1)



7. In a certain code language, RAKESH is written as TCMGUJ. How will PRAKASH be written in that language? (+3, -1)

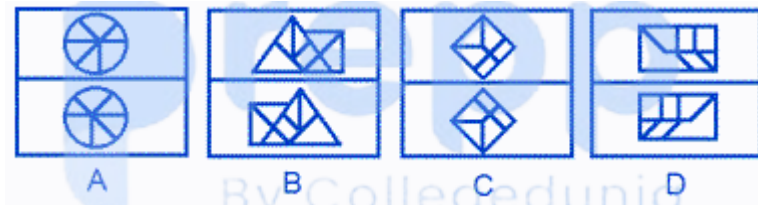
- a. RMCKLNI
- b. RKCMCJI
- c. RTCMCUJ
- d. RNCKJIH

8. Identify the figure that completes the pattern of the given figure. (+3, -1)



9. Select the figure that does not belong to the following group.

(+3, -1)

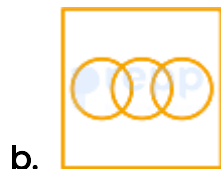


- a. A
- b. B
- c. C
- d. D

10. Select the option that correctly represents the relationship among the following:

(+3, -1)

Travellers, Bus, Train



c.

d.



11. From the given answer figures, select the one in which question figure is hidden/embedded (Rotation not allowed).

(+3, -1)



a.



b.



c.



d.



12. Select the figure that does not belong to the following group.

(+3, -1)



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

13. Select the related words from the given options.

(+3, -1)

Country: President :: State: ?

- a. Minister
- b. Governor
- c. Officer
- d. Mayor

14. Select the figure that does not belong to the following group.

(+3, -1)



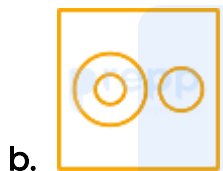
- a. A
- b. B

c. C

d. D

15. Select the option that correctly represents the relationship among the following: (+3, -1)

Women, Mother, Engineer



16. Some equations are solved on the basis of a certain system. Find out the correct answer for the unsolved equation on that basis. (+3, -1)

$$10 \times 2 = 8, 14 \times 4 = 10, 24 \times 13 = ?$$

a. 10

b. 11

c. 12

d. 14

17. Find the odd word from the given alternatives.

(+3, -1)

a. Ton

b. Gallon

c. Width

d. Litre

18. Find the odd word from the given alternatives:

(+3, -1)

a. School - Principal

b. Singer - Chorus

c. Artist - Troupe

d. Soldier - Battalion

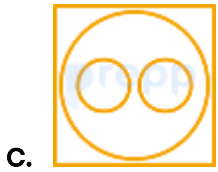
19. Select the option that correctly represents the relationship among the following:

(+3, -1)

Animals, Amphibians, Tortoise



a.



20. Select the related words from the given options.

(+3, -1)

Virology : Virus :: Semantics:?

- a. Books
- b. Meanings
- c. Music
- d. Culture

21. Find the odd word from the given alternatives:

(+3, -1)

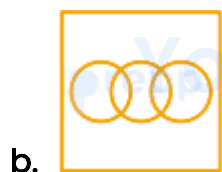
- a. Graphite
- b. Pearl
- c. Coal
- d. Diamond

22. Rearrange the jumbled-up letters in their natural sequence and find the odd one out. (+3, -1)

- a. TRESSI
- b. THERMO
- c. UGAHDETR
- d. TOERMN

23. Select the option that correctly represents the relationship among the following: (+3, -1)

Police, Thief, Criminal



24. Which answer figure will complete the pattern in the question figure?

(+3, -1)



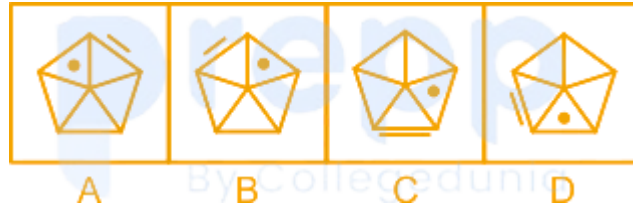
25. Find the odd word from the given alternatives:

(+3, -1)

- a. Sulphur - Vulcanization
- b. Iron - Carbon
- c. Oxygen - Atmosphere
- d. Chlorine - Bleaching powder

26. Select the figure that does not belong in the following group.

(+3, -1)



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

27. Which answer figure will complete the pattern in the question figure?

(+3, -1)



- a.
- b.
- c.
- d.

28. From among the figures marked (A), (B), (C) and (D), select the figure which satisfies the same conditions as the placement of the dots as in figure (X). (+3, -1)

Problem Figure



(X)

Answer Figure



(A)

(B)

(C)

(D)

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

29. From amongst the figures marked (A), (B), (C) and (D) select the figure which satisfies the same conditions of placement of the dots as in figure (X). (+3, -1)

Problem Figure



(X)

Answer Figures



(A)

(B)

(C)

(D)

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

30. From the given figures, select the figure which satisfies the same conditions as the placement of the dots in the given figure? (+3, -1)



(a)

(b)

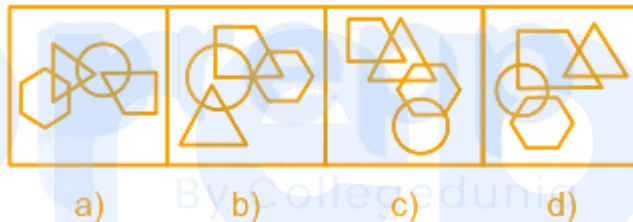
(c)

(d)

- a. both a and b

- b. both c and d
- c. both a and c
- d. both a and d

31. From the given figures, select the figure which satisfies the same conditions as the placement of the dots in the given figure? (+3, -1)



- a. a
- b. b
- c. c
- d. d

32. From the given figures, select the figure which satisfies the same conditions as the placement of the dots in the given figure? (+3, -1)





a) b) c) d)

- a. a
- b. b
- c. c
- d. d

33. A group of 200 men did $\frac{5}{6}$ th of work in 10 weeks. Due to COVID lockdown work was stopped for 6 weeks. Due to the flood half of the work done was wasted and after lockdown, only 140 men came. Then find the total time taken by the contractor to complete the whole work? (+3, -1)

- a. 22 weeks
- b. 28 weeks
- c. 26 weeks
- d. 32 weeks

34. 1 boy is working on first day, two boys are working on second day, 3 boys are working on third day and similarly one boy is added on next day till 20 boys are working on 20th day. Find the time taken by 5 men to do the same work if one man is twice efficient than one boy. (+3, -1)

- a. 22 days
- b. 16 days

c. 28 days

d. 21 days

35. A, B and C can do job in 9, 12 and 36 days respectively if they worked alone. (+3, -1)
A leaves after they have worked together for 3 days. In how many days can B and C do the rest of the job?

a. 3

b. 4

c. 5

d. 6

36. If the difference between SI and CI at 2% p.a. rate of interest for 3 years is Rs. (+3, -1)
604, then find the sum.

a. Rs. 1,00,000

b. Rs. 4,00,000

c. Rs. 2,00,000

d. Rs. 5,00,000

37. A man deposited Rs. 64,000 in a bank for one year at 10% per annum on (+3, -1)
compounded quarterly, then find the total compound interest after one year.

a. Rs. 6,644

b. Rs. 6,444

c. Rs. 6,624

d. Rs. 6,844

38. Find the value of '?' (+3, -1)

$$(30\% \text{ of } 6500) \div 26 \div 15 = ?$$

- a. 5
- b. 15
- c. 10
- d. 25

39. Find the value of x. (+3, -1)

$$1089 = (33^x \times 33^{-1.6}) / 33^{1.4}$$

- a. 2
- b. 4
- c. 6
- d. 5

40. A man travelled 90 km both by car and taxi and the fare of Car and taxi is Rs.7 per km and Rs.6 per km respectively. If the total fare is Rs.576, find the distance covered by taxi. (+3, -1)

- a. 60 km
- b. 30 km

c. 54 km

d. 36 km

41. Two bullets are fired at an interval of 15 minutes but a bus approaching the place of firing hears the second bullet after 14.5 minutes. If the speed of sound is 330 meters per second, what is the speed of the Bus? (+3, -1)

a. 30 km/hr

b. 41 km/hr

c. 50 km/hr

d. 70 km/hr

42. Two trains A and B started from a point and running perpendicularly. if the speed of train A and train B is 1.5 km/hr and 2 km/hr respectively, find the distance between them after 2 hours. (+3, -1)

a. 6 km

b. 5 km

c. 7 km

d. 8 km

43. Average weight of section X and section Y is 50 and 45. If there are 30 students in section X and 20 students in section Y then find average weight of all student s. (+3, -1)

a. 46

b. 47

c. 48

d. 49

44. Cost price of 20 articles as equal to selling price of 15 articles. Find profit percentage. (+3, -1)

a. 25%

b. 66.67%

c. 50%

d. 33.33%

45. Average age of 40 students of class A is 16 years and average age of 60 students of class B is 20 years. Find average age of both classes. (+3, -1)

a. 16.8

b. 17.6

c. 18.4

d. 19.2

46. In a French library, 5% of books are in English, 10% of remaining books are in Hindi and 15% of remaining books are in Sanskrit. If the remaining books are in French and such books are 11628 then find the total number of books in the library. (+3, -1)

a. 16600

b. 20000

c. 16000

d. 18000

47. The selling price of 30 kg of rice is same as the cost price of "x" kg of rice. If shopkeeper sells rice at 20% profit. Then find the value of x. (+3, -1)

a. 30

b. 36

c. 48

d. 24

48. Two vertical poles cast shadow of length 12 m and 14 m on road. If length of first pole is 48 m then find length of second pole. (+3, -1)

a. 42 m

b. 56 m

c. 70 m

d. 28 m

49. The ratio between m and n is 2 : 3, then find the value of $(3m + n)/(6m - n)$. (+3, -1)

a. 1

b. 4

c. 3

d. 2

50. Cost price of 25 items is Rs. 300. If 15 items are sold at 30% profit and rest are sold at 20% profit, then find overall selling price of 25 items. (+3, -1)

a. Rs. 340

b. Rs. 428

c. Rs. 378

d. Rs.418

51. Where is Salar Jung Museum situated in India? (+3, -1)

a. Jaipur

b. Patna

c. Lucknow

d. Hyderabad

52. When Delhi was made as the capital of India ? (+3, -1)

a. 1911

b. 1913

c. 1910

d. 1909

53. The element found in teeth and bones is - (+3, -1)

- a. Potassium and Calcium
 - b. Calcium and Magnesium
 - c. Calcium and Phosphorus
 - d. Phosphorus and Sulfur
-

54. When was the Constitution of India adopted? (+3, -1)

- a. August 15, 1947
 - b. November 26, 1947
 - c. November 26, 1949
 - d. January 26, 1950
-

55. Which is the first national park established in India? (+3, -1)

- a. Bandipur national park
 - b. Jim Corbett national park
 - c. Kanha national park
 - d. Periyar national park
-

56. Christopher Reid is associated with which of the following sports? (+3, -1)

- a. Boating

- b. Racing
 - c. Swimming
 - d. Boxing
-

57. What does abbreviation AEW&C means ? (+3, -1)

- a. Airborne Early Warning and Control System
 - b. Aircraft Early Warning and Control System
 - c. Aero Engine Warning and Controlling System
 - d. Aero Engine Warn and Control System
-

58. With which game is "Bully" associated? (+3, -1)

- a. Cricket
 - b. Football
 - c. Golf
 - d. Hockey
-

59. The term chukkars is related to which of the following games? (+3, -1)

- a. Golf
- b. Table Tennis
- c. Polo

d. Tennis

60. "Give me blood and I shall give you freedom" is the slogan of which freedom fighter? (+3, -1)

- a. Subhas Chandra Bose
 - b. Bhagat Singh
 - c. Jawaharlal Nehru
 - d. Bal Gangadhar Tilak
-

61. Who amongst the following was known as 'Punjab Kesari'? (+3, -1)

- a. Mahatma Gandhi
 - b. Bhagat Singh
 - c. Jawaharlal Nehru
 - d. Lala Lajpat Rai
-

62. Which of the following rulers is referred as 'Napoleon of India'? (+3, -1)

- a. Chandragupta II
 - b. Skandgupta
 - c. Samudragupta
 - d. Kumaragupta
-

63. Which one of the following forts **not** built by Akbar? (+3, -1)

- a. Lahore fort
 - b. Allahabad Fort
 - c. Gwalior Fort
 - d. Agra Fort
-

64. The venue of IPL 2020 is ----- (+3, -1)

- a. Australia
 - b. United Arab Emirates
 - c. India
 - d. UK
-

65. Vienna is the national capital and largest city of ----- (+3, -1)

- a. Austria
 - b. Russia
 - c. Spain
 - d. Syria
-

66. Who is the author of the famous Arabic book "Kitab ul Hind"? (+3, -1)

- a. Birbal

- b. Al-Biruni
 - c. Mahmood
 - d. Mohammed
-

67. Among the following gases, which is the lightest gas in the periodic table? (+3, -1)

- a. Oxygen
 - b. Methane
 - c. Nitrogen
 - d. Hydrogen
-

68. Who was the first Asian Secretary general of UNO? (+3, -1)

- a. Madeleine Albright
 - b. Fathimath Dhiyana Saeed
 - c. U Thant
 - d. António Guterres
-

69. The headquarters of the United Nations Organization (UNO) is located in (+3, -1)

- a. London
- b. Geneva
- c. New York

d. Vienna

70. The tropic of cancer does **not** pass through which of these continents? (+3, -1)

- a. North America
 - b. South America
 - c. Africa
 - d. Asia
-

71. Gondwana hills is located in which of the following states? (+3, -1)

- a. Rajasthan
 - b. Uttar Pradesh
 - c. Uttarakhand
 - d. Madhya Pradesh
-

72. Who has written 'Das Kapital'? (+3, -1)

- a. Freidrich Engels
 - b. G.W.F Hegel
 - c. Karl Marx
 - d. Max Weber
-

73. Who among the following is called the 'Father of German Unity'? (+3, -1)

- a. Mikhail Gorbachev
- b. Helmut Kohl
- c. Otto von Bismarck
- d. Oskar Schindler

74. Who among the following is the first batsman to score six 6's in World T20? (+3, -1)

- a. Virat Kohli
- b. Yuvraj Singh
- c. Shikhar Dhawan
- d. Ravindra Jadeja

75. Darbar-i-Akbari was written by ----- (+3, -1)

- a. Amir Khusrau
- b. Muhammad Hussain Azad
- c. Ziauddin Barani
- d. Abdul Qadir Badayuni

76. Select the segment of the sentence that contains the grammatical error. If there is no error, mark 'No error' as your answer. (+3, -1)

It was a horrific and extremely (A)/ coward attack, which (B)/ was totally unprovoked. (C)/ No error (D)

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

77. In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'. (+3, -1)

Lufthansa sells its logo to (A)/ manufacturers of leather jackets, (B)/ luggages and compression socks. (C)/ No error (D)

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

78. In the following question, one part of the sentence may have an error. Find out which part of the sentence has an error and click the option corresponding to it. If the sentence is free from error, select the 'No error' option. (+3, -1)

Ravinder is desiring to achieve the goal of going on a world tour with his parents.

- a. Ravinder is desiring to achieve
- b. the goal of going on a world tour

c. with his parents.

d. No error

79. Directions: Fill in the blank with the most appropriate option . (+3, -1)

You must not only speak out _____ act against corruption.

a. but take

b. and also

c. but also

d. but

80. Directions: Complete the following sentence with the most appropriate word: (+3, -1)

Priya is not _____ for this kind of a job.

a. cut cup

b. cut through

c. cut out

d. cut in

81. Select the Synonym of: (+3, -1)

Pilfer

a. Abduct

- b. Deride
 - c. Steal
 - d. Berate
-

82. Out of the four alternatives, choose the one which best expresses the meaning of the given word. (+3, -1)

Affluent

- a. Impoverished
 - b. Hostile
 - c. Authentic
 - d. Prosperous
-

83. In the following question, out of the four alternatives, select the word similar in meaning to the word given. (+3, -1)

Cajole

- a. Disenchant
 - b. Entice
 - c. Repulse
 - d. Bully
-

84. In the following question, out of the four alternatives, choose the one which best expresses the meaning of the given word. (+3, -1)

FLIMSY

- a. Funny
 - b. Irrational
 - c. Fragile
 - d. Partisan
-

85. Pick out the correct antonym for the given word.

(+3, -1)

Exonerate

- a. Acquit
 - b. Accused
 - c. Pardon
 - d. Liberate
-

86. Direction: Out of the four alternatives, choose the one which best expresses the opposite meaning of the given word.

(+3, -1)

Mitigate

- a. Appease
 - b. Enhance
 - c. Allay
 - d. Reduce
-

87. In the following question, out of the four given alternatives, select the one which is opposite in meaning of the given word. (+3, -1)

Condense

- a. Chop
 - b. Curtail
 - c. Expand
 - d. Trim
-

88. Select the word among the given choices that is most nearly opposite in meaning to the word. (+3, -1)

LUSCIOUS

- a. Attractive
 - b. Tasty
 - c. Tasteless
 - d. Succulent
-

89. Direction: What will be the adjective form of 'Bother' ? (+3, -1)

- a. Bothering
 - b. Bothersomeness
 - c. Bothersome
 - d. Botheration
-

90. Choose the most appropriate answer and fill in the blanks.

(+3, -1)

The noun form of 'assist' is _____.

- a. Assisted
- b. Assistance
- c. Assisting
- d. Assessment

91. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

(+3, -1)

Having no hair on the scalp.

- a. Babble
- b. Bogus
- c. Boggle
- d. Bald

92. Directions: Select the word which means the same as the group of words given.

(+3, -1)

A movement or action of the hands or face

- a. Action
- b. Gesture
- c. Anima
- d. Posture

93. Choose the option which best expresses the meaning of the idiom/phrase given below: (+3, -1)

"Fly off the handle"

- a. To dive into the pool
- b. To jump from a building
- c. To fly a plane
- d. Become angry

94. In the following question, out of the four alternatives, select the alternative that best expresses the meaning of the idiom/phrase. (+3, -1)

Not to mince matters

- a. To speak unreservedly
- b. To place full reliance upon
- c. To doubt the matters at hand
- d. To procrastinate

95. In the following passage, some of the words have been left out. Read the passage carefully and choose the correct answer for the given blank out of the four alternatives. (+3, -1)

Environment is the foundation and _____(1)_____ of human existence and survival and the guarantee of sustainable human development, environmental protection has undoubtedly become a common understanding and development strategy of all countries of the world. Now

humankind is striving _____(2)_____ the historical process of postindustrial society and is trying to reach _____(3)_____ with the environment in the later stage of development.

Which of these words most appropriately fits the blank labelled (1)?

- a. Restrain
- b. Impede
- c. Support
- d. Blight

96. In the following passage, some of the words have been left out. Read the passage carefully and choose the correct answer for the given blank out of the four alternatives.

(+3, -1)

Environment is the foundation and _____(1)_____ of human existence and survival and the guarantee of sustainable human development, environmental protection has undoubtedly become a common understanding and development strategy of all countries of the world. Now humankind is striving _____(2)_____ the historical process of postindustrial society and is trying to reach _____(3)_____ with the environment in the later stage of development.

Which of these words most appropriately fits the blank labelled (2)?

- a. towards
- b. for
- c. into
- d. at

97. In the following passage, some of the words have been left out. Read the passage carefully and choose the correct answer for the given blank out of the four alternatives. (+3, -1)

Environment is the foundation and _____(1)_____ of human existence and survival and the guarantee of sustainable human development, environmental protection has undoubtedly become a common understanding and development strategy of all countries of the world. Now humankind is striving _____(2)_____ the historical process of postindustrial society and is trying to reach _____(3)_____ with the environment in the later stage of development.

Which of these words most appropriately fits the blank labelled (3)?

- a. Disparity
- b. Straight
- c. Asymmetry
- d. Rebalance

98. Read the passage carefully and answer the questions given below. (+3, -1)

India has always been an utmost inspiration for the world at large for her fabulous wealth, both material and economic prosperity as well as her spiritual excellence. It brought here both traders and invaders along with preachers and seekers in search of truth and salvation. All of them came through land routes by undertaking long and hazardous journeys which put a lot of stress and strain on their physique and nerves. Thus, the troops of Alexander mutinied and refused to march beyond Bees because of their weariness and fatigue in fighting and homesickness. They had, therefore, to be perforce dispatched back. Many invading tribes like Kasha's, Huns and Sakes in the ancient era and the Turks and Munhall during the medieval age, however, chose to make this land their own home and absorbed

themselves in the stream of her life. They attempted their best to bring more and more lustre to her glory and enriched her culture, heritage and tradition.

The passage speaks volubly of

- a. India's past glory
- b. Invaders who attacked India
- c. India's fabulous wealth
- d. India as a home for foreigners

99. Read the passage carefully and answer the questions given below.

(+3, -1)

India has always been an utmost inspiration for the world at large for her fabulous wealth, both material and economic prosperity as well as her spiritual excellence. It brought here both traders and invaders along with preachers and seekers in search of truth and salvation. All of them came through land routes by undertaking long and hazardous journeys which put a lot of stress and strain on their physique and nerves. Thus, the troops of Alexander mutinied and refused to march beyond Bees because of their weariness and fatigue in fighting and homesickness. They had, therefore, to be perforce dispatched back. Many invading tribes like Kasha's, Huns and Sakes in the ancient era and the Turks and Munhall during the medieval age, however, chose to make this land their own home and absorbed themselves in the stream of her life. They attempted their best to bring more and more lustre to her glory and enriched her culture, heritage and tradition.

What in India attracted traders, invaders and preachers?

- a. Its material and social prosperity
- b. Its material and spiritual wealth
- c. The knowledge of truth and salvation

- d. Its fabulous wealth and glory.

100. Read the passage carefully and answer the questions given below.

(+3, -1)

India has always been an utmost inspiration for the world at large for her fabulous wealth, both material and economic prosperity as well as her spiritual excellence. It brought here both traders and invaders along with preachers and seekers in search of truth and salvation. All of them came through land routes by undertaking long and hazardous journeys which put a lot of stress and strain on their physique and nerves. Thus, the troops of Alexander mutinied and refused to march beyond Bees because of their weariness and fatigue in fighting and homesickness. They had, therefore, to be perforce dispatched back. Many invading tribes like Kasha's, Huns and Sakes in the ancient era and the Turks and Munhall during the medieval age, however, chose to make this land their own home and absorbed themselves in the stream of her life. They attempted their best to bring more and more lustre to her glory and enriched her culture, heritage and tradition.

What forced Alexander to move back to his country?

- a. The resistance of the natives
- b. The revolt of his army men.
- c. Weariness and homesickness in his troops
- d. Lack of fighting spirit in his people.