

## IBPS CLERK -V MAINS GRAND TEST -3

NAME: \_\_\_\_\_

COURSE AND BATCH \_\_\_\_\_

DATE: \_\_\_\_\_

MAX MARKS: 200

TIME: 2 HOURS

NEGATIVE MARKS: 0.25

**REASONING**

- In a certain code 'BUILT' is written as '5#32@' and 'TRIBE' is written as '@935©'. How is 'RULE' written in that code?  
(a) 9#2© (b) 92#© (c) @#2© (d) @2#© (e) None of these
  - How many meaningful English words can be formed, starting with S, with the second, the fourth, the fifth and the eighth letters of the word PERISHED, using each letter only once in each word? (To be counted from left)  
(a) none (b) one (c) two (d) three (e) More than three
  - The positions of how many digits in the number 837912 will remain unchanged after the digits within the number are rearranged in descending order? (from left to right)  
(a) None (b) One (c) Two (d) Three (e) More than three
  - How many such pairs of letters are there in the word STREAMING each of which has as many letters between them in the word as in the English alphabet? (in both forward and backward directions)  
(a) None (b) One (c) Two (d) Three (e) More than three
  - In a certain code 'CLEAR' is written as 'SBFMD' and 'BONDS' is written as 'TEOPC'. How is 'STALE' written in that code?  
(a) DKZSR (b) BUTFM (c) TUBMF (d) FMBUT (e) None of these
- Directions (6 – 10):** Study the following arrangement of numbers, letters and symbols carefully and answer the questions given below.
- R @ 2 9 T V A Y 5 © # J 1 P 8 Q \$ E 3 ★ H % 6 W 4 1 δ U Z
- Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?  
(a) J P © (b) E Q ★ (c) W I % (d) 9 V @ (e) 1 # δ
  - Which of the following is the fifth to the right of the nineteenth element from the right end?  
(a) P (b) V (c) W (d) 8 (e) None of these
  - How many such numbers are there in the above arrangement, each of which is immediately preceded by a consonant and immediately followed by a symbol?  
(a) One (b) Two (c) Three (d) Four (e) More than three
  - If the positions of the last eighteen elements in the above arrangement are reversed, which of the following will be the seventeenth from the left end?  
(a) E (b) P (c) W (d) 6 (e) None of these
  - How many such vowels are there in the above arrangement, each of which is either immediately followed by a symbol or immediately preceded by a symbol?  
(a) None (b) One (c) Two (d) Three (e) Four
- Directions (11 – 15):** Study the following information carefully and answer the questions given below:
- A, B, C, D, E, F, G and H are sitting around a circular table facing the centre not necessarily in the same order. F is fourth to the left of A and second to the right of C. B is second to the left of A. and A is to the immediate right of G. E who is not an immediate neighbor of B is fourth to the left of D.
- Which of the following is correct?  
(a) F is third to the left of B  
(b) H is third to the left of D  
(c) C is third to the left of B  
(d) E is third to the left of F  
(e) All are correct.
  - What is H's position with respect to G?  
(a) Fifth to the right (b) Third to the left  
(c) Third to the right (d) Fifth to the left  
(e) Fourth to the left
  - Who is second to the right of E?  
(a) C (b) H (c) G (d) A (e) Data inadequate
  - Who is to the immediate right of F?  
(a) D (b) H (c) B (d) C (e) None of these
  - Which of the following pairs represents the immediate neighbours of A?  
(a) EB (b) GC (c) EG (d) ED (e) None of these
- Directions (16 – 20):** In the following questions, the symbols ©, δ, \$, ★ and % are used with the following meaning as illustrated below:
- 'P δ Q' means 'P is not greater than Q'.
  - 'P % Q' means 'P is not smaller than Q'.
  - 'P © Q' means 'P is neither greater than nor smaller than Q'.
  - 'P \$ Q' means 'P is greater than Q'.
  - 'P ★ Q' means 'P is smaller than Q'.
- Now in each of the following questions assuming the given statements to be true, find which of the two conclusions I and II given below them is/ are definitely true?
- Give answer (a)** if only conclusion I is true  
**Give answer (b)** if only conclusion II is true  
**Give answer (c)** if either conclusion I or II is true  
**Give answer (d)** if neither conclusion I nor II is true  
**Give answer (e)** if both conclusion I and II are true.

16. **Statements:** R \$ J, J % M, M © K  
**Conclusions:** I. K © J II. K ★ J
17. **Statements:** D δ R, M \$ R, M © F  
**Conclusions:** I. F \$ D II. F \$ R
18. **Statements:** H © F, F \$ R, R ★ K  
**Conclusions:** I. R ★ H II. K \$ F
19. **Statements:** B % D, D ★ T, T δ R  
**Conclusions:** I. B \$ T II. R \$ D
20. **Statements:** M % N, N ★ A, A \$ B  
**Conclusions:** I. B ★ N II. A \$ M

**Directions (21-25):** Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

**Give answer (a)** If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

**Give answer (b)** If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

**Give answer (c)** If the data either in statement I alone or in statement II alone are sufficient to answer the question.

**Give answer (d)** If the data given in both the statements I & II together are not sufficient to answer the question, and

**Give answer (e)** If the data in both the statements I & II together are necessary to answer the question.

21. Village P is towards which direction of village R?  
 I. Village R is to the South – East of Village T and T is to the North of village P.  
 II. Village Q is to the south of village P and to the South-West of Village R.
22. Who among A, B, C, D and E, each having a different height, is the third tallest?  
 I. E is shorter than only B.  
 II. C is taller than only A.
23. How many sisters does K have?  
 I. M is sister of K.  
 II. K's mother has three children.
24. In a row of thirty students facing North, what is R's position from the left end?  
 I. There are twelve students between R and Q.  
 II. T is tenth from the right end and there are sixteen students between T and R.
25. How is 'go' written in a code language?  
 I. 'go over there' is written as 'pa da na' in that code language.  
 II. 'go and sit' is written as 'sa ka pa' in that code language.
- Directions (26 – 30):** Study the following information carefully and answer the questions given below: Following are the conditions for selecting Accounts Officer in an organization:  
 The candidate must-

(i) be at least 21 years and not more than 26 years as on 1.11.2011.

(ii) be a commerce graduate (B.Com.) with at least 55% aggregate marks.

(iii) have work experience of at least 2 years in the Accounts department of an organization.

(iv) have secured at least 50% marks in the selection process.

In the case of a candidate who fulfils all the conditions except –

(a) at (i) above but at least 21 years old and not more than 28 years old and has work experience of five years as Accounts Assistant in an organization, his / her case is to be referred to GM – Accounts.

(b) at (ii) above, but has secured at least 50% aggregate marks in graduation and has secured at least 55% marks in the selection process, his / her case is to be referred to VP- Accounts.

In each question below, details of one candidate are provided. You have to take one of the following courses of actions based on the conditions given above and the information provided in each question and marks the number of that course of action as your answer. You are not to assume anything other than the information provided in each question. All these cases are given to you as on 1.11.2011.

**Mark answer (a)** If the case is to be referred to GM – Accounts.

**Mark answer (b)** If the case is to be referred to VP- Accounts

**Mark answer (c)** If the candidate is to be selected.

**Mark answer (d)** If the candidate is not to be selected.

**Mark answer (e)** If the data provided are inadequate to take a decision.

Now read the information provided in each question and mark your answer accordingly.

26. Umesh Choksi was born on 25<sup>th</sup> November 1989. He has secured 60% aggregate marks in B.Com. and 65% marks in the Selection Process. He has been working in the Accounts department of an organization for the past three years.
27. Pratibha Kale was born on 6<sup>th</sup> June 1988. She has secured 60% aggregate marks in B.Com. and 49% marks in the selection process. She has been working in the Accounts Department of an organization for the past three years.
28. Arun Patil has secured 55% aggregate marks in graduation. He has been working for past four years in the Accounts department of an organization. He has secured 50% marks in the Selection process. He was born on 12<sup>th</sup> July 1988.
29. Prabha Dixit was born on 18<sup>th</sup> April 1985. She has been working as Accounts Assistant in an organization for the past five years. She has secured 60% aggregate marks in B.Com. and 55% marks in the Selection Process.

30. Amul Verma has secured 50% aggregate marks in B.com and 60% marks in the Selection process. He has been working in the Accounts department of an organization for past four years. He was born on 2<sup>nd</sup> January 1987.

**Directions (31 – 35):** Study the following information carefully and answer the questions given below:

P, Q, R, S, T, V and W are seven friends. Each of them likes a particular fruit, viz. Apple, Banana, Pear, Guava, Orange, Mango and watermelon and each of them has a favourite city, viz. Mumbai, Pune, Delhi, Kolkata, Chennai, Hyderabad and Cochin. The choices of fruit and favourite city of the seven friends are not necessarily in the same order.

Q likes Mango and his favourite city is Chennai. The one whose favourite city is Pune likes Watermelon. T's favourite city is Kolkata. R likes Guava and his favourite city is not Mumbai, W's favourite city is Cochin and he does not like either "Banana or Pear, the favourite city of the one who likes Orange is Hyderabad. T does not like Pear. P's favourite city is neither Pune nor Hyderabad. S does not like Watermelon.

31. Who likes Apple?

(a) W (b) T (c) V (d) P (e) Data inadequate

32. Which fruit does P like?

(a) Apple (b) Orange (c) Pear (d) Watermelon  
(e) None of these

33. Which is R's favourite city?

(a) Mumbai (b) Pune (c) Hyderabad (d) Delhi  
(e) None of these

34. Which of the following combinations of person – Fruit – City is **incorrect**?

(a) R – Guava – Kolkata  
(b) V – Watermelon – Hyderabad  
(c) T – Banana – Cochin (d) S – Guava – Delhi  
(e) All are incorrect

35. Which is V's favourite city?

(a) Hyderabad (b) Pune (c) Mumbai  
(d) Data inadequate (e) None of these

**Directions (36 – 40):** In each question below are 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 known facts and then decide which of the given conclusions logically commonly follows from the given statements disregarding commonly known facts.

**Give answer (a)** If only conclusion I follows

**Give answer (b)** If only conclusion II follows

**Give answer (c)** If either conclusion I or II follows

**Give answer (d)** If neither conclusion I nor II follows

**Give answer (e)** If both conclusions I and II follow.

36. Statements:

Some gears are wheels. All wheels are brakes

**Conclusions:**

I. No brake is gear. II. Atleast some gears are brakers.

37. Statements:

No month is a year. No year is a second.

**Conclusions:**

I. All months are seconds. II. No second is month.

38. Statements:

No plane is hill. Some hills are towns.

**Conclusions:**

I. No town in plane. II. Some towns are plane.

39. Statements:

All metals are liquids. All liquids are gases.

**Conclusions:**

I. All metals are gases.

II. Atleast some gases are liquids

40. Statements:

Some cities are towns. Some villages are cities.

**Conclusions:**

I. Atleast some villages are towns.

II. No village is a town.

### ENGLISH LANGUAGE

**Directions (41-45):** Read each sentence to find out whether there is any grammatical mistake / error in it. The error if any will be in one part of the sentence. Mark the number of the part with error as your answer. If there is 'No error', mark (e)

41. We are yet starting (a) / offering this facility to (b) / our customers as we are (c) / awaiting approval from the board. (d) / No error (e)

42. The Chairmen of all large (a) / public sector banks met with (b) / senior RBI officials to give its (c) / suggestions about implementing the new policy. (d) / No error (e)

43. They have not fully considered (a) / the impact that relaxing (b) / these guidelines is likely (c) / to have with the economy (d) / No error (e)

44. Had this notification (a) / been amended earlier, (b) / we could have stopped (c) / the transfer of funds. (d) / No error (e)

45. There are many insurance (a) / disputes nowadays because of (b) / most people do not fully (c) / understand the terms and conditions of their policies. (d) / No error (e)

**Directions (46-50) :** Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in **bold** to help you locate them while answering some of the questions.

The great recession hasn't been great for free trade. As unemployment has risen throughout the world, governments have become more focused on protecting their own industries than on promoting international commerce. The U.S., though typically an enthusiastic supporter of open markets, included "buy American" clauses in its stimulus package and propped up its failing auto industry with handouts.

But according to the Asian Development Bank (ADB), in the part of the world that was hit hardest by the trade crash – Asia, the number of Free- Trade Agreements (FTAs) signed by Asian countries has grown from just three in 2000 to 56 by the end of August 2009. Nineteen of those FTAs are among 16 Asian economies, a trend that could help the region become a powerful trading bloc.

The drive to lower trade barriers has taken on **fresh** urgency amid the recession. As Asian manufacturing networks become more intertwined ----- and as Asian consumers become wealthier --- regional commerce is becoming **critical** to future economic expansion. Intraregional trade last year made up 57% of total Asian trade, up from 37% in 1980. **In the past Asia produced for America and Europe, now Asia is producing for Asia.**

Of course, Asia is still dependent on sales to the West. But FTAs could reduce the region's exposure to the United States by giving Asian companies preferential treatment in selling to Asian companies and consumers. These benefits could come with downsides, however. According to experts, FTAs create "non-level playing field with advantages for Asian countries". If the most dynamically growing part of the global economy gives the U.S. restricted access it will impact global balance. Companies in countries like the United States left out of the trade pacts could face disadvantages when trying to tap fast ----- growing Asian markets. This, in turn, could have a negative impact on efforts to rebalance excessive debt in the U.S. and excessive savings in Asia. Still, the benefits of greater regional integration could prove powerful enough to overcome the roadblocks. In Asia, the only thing everyone agrees upon is business. If it does, the world economy may never be the same.

46. What do the Asian Development Bank statistics indicate?
- Asian economies are financially more sound than those of the developed world.
  - The financial crisis impacted the West far more than it did Asia
  - Asian countries have aligned themselves on lines similar to the European Union
  - Western countries are sceptical about trading with developing countries
  - Asian countries have been actively opening their markets to one another.
47. What has given rise to the large number of trade agreements between Asian countries?
- The need to insulate Asian economies from overexposure to the American economy
  - Angry reaction among Asian countries owing to America's protectionist policy
  - The aim of empowering the poorer Asian economies and bring them on par with Western economies
  - The desire to achieve conditions conducive to global consensus on trade regulations and tariffs
  - Widespread panics in Europe and Asia as Asian economies are yet to recover from the recession.
48. Which of the following is **NOT TRUE** in the context of the passage?
- Political and economic rivalries between Asian countries are non-existent today.
  - Asian countries hold America responsible for the recession and have imposed economic sanctions against the U.S.

(C) America has adopted a protectionist strategy after the recession.

(a)Only(A) (b)Only (B) and (C) (c)Only (A) and (B) (d)Only (C) (e)None of these

49. Which of the following describes expert predictions about trade pacts between Asian countries?
- These will be beneficial and are likely to give rise to a common Asian currency
  - Tariffs will be lowered and bureaucratic regulations will become transparent
  - Widening of differences between participant and non-participant countries will hamper global stability
  - Regional conflicts will increase as competition and inequities between Asian nations will intensify.
  - They are likely to be short lived as it will be difficult to get participating nations to arrive at a consensus
50. Which of the following has / have **not** been (an) impact (s) of the recession?
- Various trade agreements signed between developed and Asian countries have not been honored.
  - The U.S. government has restructured the automobile industry.
  - Regional conflicts in Asia have substantially reduced.
  - Only (C) (b)Only (A) (c)Only (A) and (B) (d)All (A), (B) and (C) (e)None of these
51. According to the author what danger does creating an Asian trading bloc pose?
- Political instability in Asia will rise as some countries are wealthier than others
  - American consumers have ceased their demand for Asian goods
  - Unemployment in Asian countries will rise as many plants will be forced to close down
  - It will alter the balance of power in the World with small Asian countries becoming most dominant
  - None of these
52. What is the author trying to convey through the phrase "**In the past Asia produced for America and Europe, now Asia is producing for Asia**"?
- The number of wealthy consumers in Asia outnumber those in America and Europe together
  - Asian countries do not support free trade and continue to trade among themselves despite the recession
  - Goods Manufactured in Asian countries often fail to meet the standards set by developed countries
  - Asian countries no longer export to Western markets alone and now cater to Asian markets as well
  - Interregional trade barriers between Europe and Asia have weakened considerably.
53. Which of the following is **most opposite** in meaning to the word "**CRITICAL**" as used in the passage?
- Unimportant (b)complimentary (c)Approval (d)Sale (e)Steady
54. Which of the following is **most similar** in meaning to the word "**FRESH**" as used in the passage?
- Additional (b) Renewed (c) Original (d) Healthy (e) Modern

55. Which of the following can be said about the American economy in the context of the passage?  
 (A)Most American companies have opted to withdraw from Asia  
 (B)America's stand on free trade has altered because of the recession.  
 (C)The American economy is far too dependent on Asia for trade.  
 (a)Only (A) (b)Only (B) (c)Only (C)  
 (d)All (A), (B) and (C) (e)None of these

**Directions (56-65):** In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested. One of which fits the blanks appropriately. Find out the appropriate word in each case.

Seed quality is an **(56)** aspect of crop production. For ages, farmers have traditionally been selecting and **(57)** good quality seed, since it was in their interest to do so. They knew and understood the importance of quality seed in production.

However, with the advent of green revolution technology, based **(58)** on the high-yielding dwarf varieties of wheat and rice, mainstream thinking changed. Agricultural scientists, for reasons that remain **(59)**, began to doubt, the ability of farmers to maintain seed quality **(60)**. Aided by the World Bank, the Ministry of Agriculture launched a National Seeds Project in 1967. Under the project spread into three phases, seed processing plants were **(61)** up in nine states. Six states were covered under phase three. All that the huge processing plants were **(62)** to do was to provide 'certified' seeds of food crops, mainly self-pollinating crops, to farmers. In mid-1980s, the International Rice Research Institute (IRRI) in the Philippines concluded a study which **(63)** that there was hardly any difference in the crop yields from transplanted rice and from the crop sown by broadcasted seeds. One would wonder why, in the first instance, were the farmers, asked to **(64)** over to transplanting paddy? The answer is simple – probably, to help the mechanical industries grow. Since rice, is the staple food in Asia, tractor sales could only grow if there was a way to move the machine in the rice fields. No wonder, the sales of tractors, peddlers, reapers and other associated **(65)** soared in the rice growing areas.

56. (a)irrational (b)main (c)brilliant (d)important (e)empathetic  
 57. (a)maintaining (b)trusting (c) selling (d) processing (e)creating  
 58. (a)necessarily (b)exceptionally (c)primarily (d)regularly (e)truly  
 59. (a)unexplained (b)doubt (c)some (d>true (e)sad  
 60. (a)himself (b)sometimes (c)proper (d)improve (e)themselves  
 61. (a)established (b)created (c)set (d>wound (e)thought  
 62. (a)tried (b)mattered (c)meaning (d)supposed (e)expect

63. (a)renounced (b)showed (c)passed (d)negated (e)directed  
 64. (a)shift (b)make (c)turn (d)mull (e)switch  
 65. (a)sell (b)equipments (c)people (d)techniques (e)creatures

**Directions (66-70) :** Which of the phrases (a), (b), (c) and (d) given below should replace the phrase given in **bold** in the following sentence to make it meaningful and grammatically correct. If the sentence is correct as it is and no correction is required mark (e) as the answer.

66. Banks charge **differently rate of interest** depending on the size of the loan.  
 (a)difference in rate of interests  
 (b)differently what rate of interest  
 (c)different rates of interest  
 (d)the different rate of interest  
 (e)No correction required
67. It is necessary that **we take any** steps to reduce pollution soon.  
 (a)we should take every (b)we have taken no  
 (c)us to take any (d)we take some  
 (e)No correction required
68. It is too early to say **how the impact** the new tax will have on investors  
 (a)what impact (b)that the impact  
 (c)how much impacts (d)what are the impacts of  
 (e)No correction required
69. Kindly ask **his advice regarding** the various health insurance policies presently available.  
 (a)him to advice that (b)regarding his advice  
 (c)that he should advice (d)about his advice  
 (e)no correction required
70. Unfortunately many of our towns and cities do **have more good** transportation system.  
 (a)have a good (b)not have good  
 (c)not have much good (d)not having better  
 (e)No correction required

**Directions (70-75):**

Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below:

- (A) With all the bid information being available and tracked online, corruption has considerably reduced.  
 (B)Today, most i.e. over ninety-five percent household, in the city enjoys broad band connection.  
 (C)All city contracts are now bid for online  
 (D)Over twenty years ago the city government, central government and the private sector made a concerted effort to shift the economy to include IT  
 (E)As our cities to expand and become more complex, such a system will make governance more manageable  
 (F) This level of connectedness has changed not only the city's economy but also how it is governed and how business is conducted.

71. Which of the following should be the **FIRST** sentence after rearrangement?  
(a)A (b) B (c) C (d) D (e) E
72. Which of the following should be the **SECOND** sentence after rearrangement?  
(a)A (b) B (c) C (d) D (e) F
73. Which of the following should be the **THIRD** sentence after rearrangement?  
(a)A (b) C (c) D (d) E (e) F
74. Which of the following should be the **FIFTH** sentence after rearrangement?  
(a)A (b) B (c) C (d) D (e) E
75. Which of the following should be the **Last (SIXTH)** sentence after rearrangement?  
(a)B (b) C (c) D (d) E (e) F
- Directions (76-80):** Each question below has two blanks each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.
76. Centre should \_\_\_\_\_ ministries whose functions \_\_\_\_\_ with the state ministries to save money, deliver efficiency and avoid duplication of work.  
(a)finish, differ (b)establish, contradict  
(c)constitute, matches (d)abolish, overlap  
(e)block, vary
77. Many people \_\_\_\_\_ genetically modified food but the reality is that all the food that we eat has been genetically modified naturally by thousands of years of  
(a)Praise, manipulation (b)grow, mismanagement

- (c)criticize, farming (d)avoid, experience  
(e)condemn, abuse

78. Given that only seven percent of the country's labour force is in the organized sector, training options \_\_\_\_\_ for the unorganized sectors should also be \_\_\_\_  
(a)available, enhanced (b)absent, improved  
(c)lacking, sustained (d)existing, restricted  
(e)offered, limited
79. Government initiatives and participation of many industrial houses in \_\_\_\_\_ loans to the villagers have led to the \_\_\_\_\_ of the farmers.  
(a)providing, plight (b)disbursing, betterment  
(c)denying, revitalization (d)subsidizing, suffering  
(e)taking, advancement
80. Indians will \_\_\_\_\_ one-fourth of total work force in the next five years but India needs to introspect whether its education system is \_\_\_\_\_ for these demographic dividends.  
(a)become, adequate (b)consist, incompetent  
(c)constitute, unequipped (d)represent, sound  
(e)comprise, prepared

#### NUMERICAL ABILITY

81. The average score of a cricketer for 13 matches is 42 runs. If his average score for the first 5 matches is 54 runs, then what was his average score for the last 8 matches?  
(a)37 (b) 39 (c) 34.5 (d) 33.5 (e) 37.5

**Directions (82-86):** In the following table, the number of pages printed by six printers in five different weeks has been given. Study the following table carefully and answer the given questions.

Printers →	Printer A	Printer B	Printer C	Printer D	Printer E	Printer F
1 <sup>st</sup> week	664	618	628	552	638	419
2 <sup>nd</sup> week	569	441	519	438	621	537
3 <sup>rd</sup> week	440	614	503	527	541	142
4 <sup>th</sup> week	256	563	347	651	412	321
5 <sup>th</sup> week	717	429	598	582	519	693

82. What is the respective ratio between the number of pages printed by Printer B in the 2nd week and the number of pages printed by printer F in the 5th week?  
(a)4 : 9 (b)11 : 13 (c)9 : 13 (d)7 : 11 (e)9 : 11
83. What is the average number of pages printed by all the given printers in the 4th week?  
(a)375 (b) 425 (c) 415 (d) 430 (e) 390
84. Which of the following printers printed maximum number of pages in all the given weeks?  
(a)Printer A (b) Printer C (c)Printer E  
(d)Printer F (e)Printer D
85. The number of pages printed by Printer A in 3<sup>rd</sup> week is what percent of the total number of pages printed by Printer D in all the given weeks?  
(a) 22 (b) 16 (c) 12 (d) 14 (e) None of these
86. What is the difference between the total number of pages printed by printer E in 1<sup>st</sup>, 2<sup>nd</sup>, and 4<sup>th</sup> weeks

together and total number of pages printed by Printer C in all the given weeks together?

- (a) 952 (b) 878 (c) 924 (d) 934 (e) 918
87. The respective ratio of salaries of A and B is 8 : 7 . If the salary of B increases by 10% and the salary of A increases by 20%, the new ratio becomes 96 : 77 respectively. What is A's salary?  
(a)Rs. 22,560 (b) Rs. 21, 600 (c) Rs. 20, 640  
(d) Rs. 23,040 (e)Cannot be determined
88. A, B and C started a business by investing Rs. 12,800, Rs. 16,800 and Rs. 9600 respectively. If after 8 months B received Rs. 13125 as his share in the profit, what amount did C get as his share of profit?  
(a)Rs. 7800 (b) Rs. 7150 (c)Rs. 7750  
(d) Rs. 8250 (e) Rs. 7500

89. Simple Interest on a sum for 4 years at 7 p.c.p.a. is Rs. 3584. What would be the compound interest compounded annually on the same amount of money for 2 years at 4 p.c.p.a.?  
(a)Rs. 1,162.32 (b) Rs. 1,098.72 (c)Rs. 992.38  
(d)Rs. 1231.76 (e)Rs. 1044.48
90. One-third of the diagonal of a square is  $3\sqrt{2}$  meter. What is the measure of the side of the square?  
(a)12 m (b) 9 m (c) 18 m (d) 6 m (e) 7 m
- Direction (91-95):** What will come in place of the question mark (?) in the following questions?
91.  $4\frac{1}{2} + (1 \div 2\frac{8}{9}) - 3\frac{1}{13} = ?$   
(a)  $1\frac{9}{26}$  (b)  $2\frac{7}{13}$  (c)  $1\frac{11}{26}$  (d)  $2\frac{4}{13}$  (e)  $1\frac{10}{13}$
92.  $\frac{6 \times 136 \div 8 + 132}{628 \div 16 - 26.25} = ?$   
(a) 15 (b) 24 (c) 18 (d) 12 (e) 28
93.  $\left\{ (441)^{\frac{1}{2}} \times 207 \times (343)^{\frac{1}{3}} \right\} \div \left\{ (14)^2 \times (529)^{\frac{1}{2}} \right\} = ?$   
(a)  $6\frac{1}{2}$  (b)  $5\frac{1}{2}$  (c)  $5\frac{3}{4}$  (d)  $6\frac{3}{4}$  (e)  $6\frac{1}{4}$
94.  $\left\{ \sqrt{7744} \times (11)^2 \right\} \div (2)^3 = (?)^3$   
(a) 7 (b) 9 (c) 11 (d) 13 (e) 17
95.  $\left\{ 3 \times 3 \div \frac{1}{3} \text{ of } \frac{1}{3} \right\}^{\frac{1}{4}} + 3.4 - 4.4 = ?$   
(a) 2 (b)  $\frac{1}{2}$  (c) 4 (d)  $\frac{1}{4}$  (e) None of these
96.  $\frac{3}{8}$  of  $\{(4624 \div (564-428))\} = ?$   
(a)  $13\frac{1}{4}$  (b)  $14\frac{1}{2}$  (c)  $13\frac{5}{8}$  (d)  $12\frac{3}{4}$  (e)  $12\frac{1}{8}$
97.  $456 \div 24 \times 38 - 958 \div 364 \times 182 = ?$   
(a) 112 (b) 154 (c) 128 (d) 243 (e) 118
98.  $(43)^2 \div 841 = (?)^2 \div 1682$   
(a) 41 (b)  $35\sqrt{2}$  (c) 38 (d)  $43\sqrt{2}$  (e) 30
99.  $3 \times \frac{3}{8} \times 6\frac{5}{12} - 2\frac{3}{16} \times 3\frac{1}{2} = ?$   
(a) 21 (b) 18 (c) 14 (d) 15 (e) 16
100.  $(34.5 \times 14 \times 42) \div 2.8 = ?$   
(a) 7150 (b) 7365 (c) 7245 (d) 7575 (e) 7335
101.  $(216)^4 \div (36)^4 \times (6)^5 = (6)^?$   
(a) 13 (b) 11 (c) 7 (d) 9 (e) 10
102.  $\frac{\sqrt{4356} \times \sqrt{7}}{\sqrt{6084}} = 11$   
(a) 144 (b) 196 (c) 169 (d) 81 (e) 121
103.  $\left( 3\frac{6}{17} \div 2\frac{7}{34} - 1\frac{9}{25} \right) = (?)^2$   
(a)  $\frac{2}{5}$  (b)  $\frac{1}{13}$  (c)  $\frac{4}{5}$  (d)  $\frac{1}{5}$  (e)  $\frac{3}{5}$
104.  $(1097.63 + 2197.36 - 2607.24) \div 3.5 = ?$   
(a) 211.5 (b) 196.5 (c) 209.5 (d) 192.5 (e) 189.5
105.  $-676.76 + 1237.87 + 897.34 - ? = 1294.25$   
(a) 168.6 (b) 164.2 (c) 156.4 (d) 172.2 (e) 158.6
106. 12 years ago the ratio between the ages of A and B was 3 : 4 respectively. The present age of B is  $3\frac{3}{4}$  times of C's present age. If C's present age is 16 years then what is A's present age? (in years)  
(a) 48 (b) 42 (c) 60 (d) 54 (e) 36
107. A certain number of capsules were purchased for rs. 216. Fifteen more capsules could have been purchased in the same amount if each capsule was cheaper by Rs.
10. What was the original number of capsules purchased?  
(a) 6 (b) 14 (c) 8 (d) 12 (e) 9
108. M, N, O and P divided Rs. 44352 among themselves. M took  $\frac{3}{8}$  th of money. N took  $\frac{1}{6}$  th of the remaining amount and the rest was divided among O and P in the ratio of 3 : 4 respectively. How much did O get as his share?  
(a)Rs. 9900 (b)Rs. 10,600 (c) Rs. 10,300  
(d)Rs. 8700 (e)Rs. 9000
109. Pure milk costs Rs. 16 per liter. After adding water the milkman sells the mixture at the rate of Rs. 15 per liter and thereby makes a profit of 25 %. In what respective ratio does he mix milk with water?  
(a) 3 : 1 (b) 4 : 3 (c) 3 : 2 (d) 5 : 3 (e) 4 : 1
- Directions (110-114):** What will come in the place of the question mark (?) in the following number series?
110. 4 6 10 16 ? 42  
(a) 22 (b) 26 (c) 28 (d) 32 (e) 35
111. 37 ? 103 169 257 367  
(a) 61 (b) 59 (c) 67 (d) 55 (e) 71
112. 6 ? 16 51 208 1045  
(a) 11 (b) 5 (c) 6 (d) 8 (e) 7
113. 960 839 758 709 ? 675  
(a) 696 (b) 700 (c) 688 (d) 678 (e) 684
114. 36 37 41 50 64 ?  
(a) 75 (b) 80 (c) 89 (d) 78 (e) 88
115. Two pipes can fill a tank in 10 hours and 16 hours respectively. A third pipe can empty the tank in 32 hours. If all the three pipe are opened simultaneously then in how much time the tank will be full? (in hours)  
(a)  $7\frac{11}{21}$  (b)  $7\frac{13}{21}$  (c)  $8\frac{4}{21}$  (d)  $6\frac{5}{14}$  (e)  $8\frac{9}{14}$
116. A merchant bought some goods worth Rs. 6000 and sold half of them at 12% profit. At what profit percent should he sell the remaining goods so as to make an overall profit of 18%  
(a) 24 (b) 28 (c) 18 (d) 20 (e) 26
117. A and B are two numbers six times the square of B is 540 more than the square of A. If the respective ratio between A and B is 3 : 2, what is the value of B?  
(a) 10 (b) 12 (c) 16 (d) 8 (e) 14
118. The perimeter of a rectangle whose length is 6m more than its breadth is 84m. What would be the area of a triangle whose base is equal to the diagonal of the rectangle and whose height is equal to the length of the rectangle? (in m<sup>2</sup>)  
(a) 324 (b) 372 (c) 360 (d) 364 (e) 348
119. 56 workers are finish a piece of work in 14 days. If the work is to be completed in 8 days, how many extra workers are required?  
(a) 36 (b) 48 (c) 44 (d) 42 (e) 32
120. A train 210 m long takes 6 seconds to cross a man running at 9 km/hr in a direction opposite to that of the train. What is the speed of the train? (in kmph).  
(a) 127 (b) 121 (c) 117 (d) 108 (e) 111

## GENERAL AWARENESS

- 121.** CASA ratio of bank indicate the  
 (a) Bank's deposits  
 (b) Bank's Non Performing Assets  
 (c) Bank's liabilities (d) Bank's Base rate  
 (e) Bank's total assets
- 122.** The process by which LIC holder can transfer all rights, title and interest under a policy contract to any third person is known as  
 (a) Subrogation (b) Escrow (c) Mortgage  
 (d) Assignment (e) Nomination
- 123.** Equity share is also known as  
 (a) Shareholder equity (b) Stock Holder's equity  
 (c) Share capital (d) Net Worth (e) All of these
- 124.** Fixed Deposit is also referred to as  
 (a) Time Deposit (b) Recurring Deposit  
 (c) Demand Deposit (d) Static Deposit  
 (e) All of the above
- 125.** With which sports is Deepak Lathore associated?  
 (a) Basketball (b) Athletics (c) Weightlifting  
 (d) Squash (e) Wrestling
- 126.** What is the minimum age required to become a member of the Rajya Sabha?  
 (a) 21 years (b) 25 years (c) 30 years (d) 32 years  
 (e) 35 years
- 127.** Microcredit concentrates on  
 (a) Small loans (b) Women (c) Rural areas  
 (d) Poor people (e) All of these
- 128.** Which of the following is a receipt, declaring ownership of shares of a foreign company, which can be listed in India and traded in rupees?  
 (a) ADR (b) GDR (c) IDR (d) EDR  
 (e) None of these
- 129.** NABARD is responsible for regulating and supervising  
 (a) Securities market in India  
 (b) Bank rates of scheduled commercial banks in India  
 (c) Cooperatives (d) Regional Rural Banks  
 (e) Only c and d
- 130.** Arrangement of bank selling insurance product acting as agent of respective companies is called  
 (a) Bancassurance (b) Outsourcing (c) Delegation  
 (d) Proxy Insurance (e) Shadow Insurance
- 131.** World Food Day is observed on  
 (a) 5 September (b) 21 September (c) 16 October  
 (d) 19 November (e) 3 December
- 132.** Which of the following is Asia's largest residential university?  
 (a) Nalanda University (b) University of Delhi  
 (c) Banaras Hindu University (d) Jamia Milia Islamia  
 (e) Jawaharlal Nehru University
- 133.** Which of the following banks/ ministries / bodies in the Lender of last resort in India?  
 (a) World Bank (b) Reserve Bank of India  
 (c) Union Ministry of Finance  
 (d) Planning Commission  
 (e) International Monetary Fund
- 134.** For expanding access to banking services, the Reserve Bank of India has advised banks to open branches with minimum infrastructure support of 8 to 10 BC units at a reasonable 3 – 4 km. such branches are known as  
 (a) White Label ATMs (b) Ultra Small Branches  
 (c) Banking Kiosks (d) CBS Terminals  
 (e) ICT Hubs
- 135.** According to the Income Tax Act of 1961, the age of Super Senior Citizens should be  
 (a) 62 years (b) 70 years (c) 80 years (d) 88 years  
 (e) 95 years
- 136.** Who has authored the book, titled 'The Lowland'?  
 (a) Khushwant Singh (b) Vikram Seth  
 (c) Chetan Bhagat (d) Jhumpa Lahiri  
 (e) Jeet Thayil
- 137.** Where is the headquarters of the United Nations Organization located?  
 (a) Rome (b) Brussels (c) Geneva (d) New York  
 (e) Paris
- 138.** What is the term for a bank without any branch network that offers its services remotely?  
 (a) Virtual Bank (b) Direct Bank  
 (c) Lending Institution (d) Indirect Bank  
 (e) Online Bank
- 139.** With reference to India Banking Sector, which of the following is the most appropriate expanded form of EMI?  
 (a) Estimated Monthly Installment  
 (b) Extended Matching Items  
 (c) Equated Monthly Installment  
 (d) Enterprise Manufacturing Intelligence  
 (e) Easy Monthly Installment
- 140.** With which state of India is the Cheraw Dance associated?  
 (a) Assam (b) Tripura (c) Meghalaya (d) Mizoram  
 (e) Rajasthan
- 141.** In the Forbe's list of richest families with family from India is at third place with 21.5 billion dollars?  
 (a) Godrej (b) Ambani (c) Mistry (d) Premji  
 (e) None
- 142.** How many families from India are in the top 10 positions in the Forbe's Asia's 50 richest families list?  
 (a) 20 (b) 6 (c) 14 (d) 3 (e) 15
- 143.** The 2015 Nobel Literature Prize winner Svetlana Alexievich belongs to which country?  
 (a) Poland (b) Denmark (c) Germany (d) Belarus  
 (e) None
- 144.** Which country is participated against India in the Twenty 20 International Series which was held in the month of October, 2015?  
 (a) Australia (b) South Africa (c) Sri Lanka  
 (d) Pakistan (e) Nepal
- 145.** Which family topped the list of Forbe's 50 richest families in Asia?  
 (a) Lee Family (South Korea)  
 (b) Kwok Family (Hong Kong)  
 (c) Ambani Family (India)  
 (d) Chearavanont family (Thailand) (e) None



146. Welfare Economist Angus Deaton who won the Nobel Prize in Economics for 2015 is from which country?  
 (a) Sweedan (b) America (c) Russia (d) Scotland  
 (e) Bhutan
147. Who is the winner of PokerStars Isle of Man International Chess Tournament 2015 held on 3-11 October in the British Islands  
 (a) M. R. Lalith Babu (b) Abhijeet Gupta  
 (c) P. Harikrishna (d) Surya Sekhar Ganguly  
 (e) None
148. Alexander Lukashenko has been reelected as the President of which country for the fifth time?  
 (a) Belarus (b) Poland (c) Denmark (d) Berlin  
 (e) Nepal
149. Where the joint Hand-in-Hand counter-terrorism exercises between India and China started on 12 October, 2015?  
 (a) Xichang (b) Kunming (c) Chengdu  
 (d) Guiyang (e) None
150. Who has been appointed as the Chairman of Atomic Energy Commission recently?  
 (a) Baldev Raj (b) PR Vasudeva Rao  
 (c) Sekhar Basu (d) S A V Satua Murthy (e) None
151. Who is the famous author resigned to Sahitya Akademi General Council on 9 October, 2015?  
 (a) Sudha Murthy (b) Asha Sharma  
 (c) Shashi Deshpandey (d) Nayantara Sehgal  
 (e) None
152. NASA's New Horizon Spacecraft found blue skies and water ice on which planet?  
 (a) Pluto (b) Saturn (c) Jupiter (d) Neptune  
 (e) Moon
153. The 2015 annual meeting of the International Monetary Fund (IMF) and the World Bank will be held from 9-11 October, 2015 in Lima. Lima is the capital city of  
 (a) Argentina (b) Uruguay (c) French Guian  
 (d) Peru (e) None
154. 2015 Nobel Peace Prize has been won by National Dialogue Quartet of which country?  
 (a) Bahrain (b) Tunisia (c) Jordon (d) Lebanon  
 (e) Kenya
155. K.P. Sharma Oil has been elected as the \_\_\_ Prime Minister of Nepal in 2015?  
 (a) 38 (b) 36 (c) 25 (d) 20 (e) 30
156. Who is the winner of the Russia Grand Prix held in 2015?  
 (a) Sergio Periz (b) Lewis Hamilton  
 (c) Sebastian Vettel (d) Raikkonen  
 (e) None
157. Which state High Court ruled in a judgement that the Article 370, granting special status to the state is permanent in the constitution?  
 (a) Goa (b) Punjab (c) Jammu & Kashmir  
 (d) Asom (e) Kerala
158. The family of A. P. J. Abdul Kalam has launched an international foundation in the name of 'House of Kalam' in which place of Tamil Nadu?

- (a) Rameshwaram (b) Chennai (c) Tirucchi  
 (d) Velore (e) Eluru
159. Who is the Indian Shuttler won the Dutch open men's singles title held on October, 2015?  
 (a) Kidambi Srikanth (b) P. Kashyap  
 (c) HS Prann (d) Ajay Jayaram (e) None
160. The new capital name of Andhra Pradesh?  
 (a) Guntur (b) Nellore (c) Vijaywada (Amaravati)  
 (d) Hyderabad (e) None

### COMPUTER KNOWLEDGE

161. Which of the following groups consists of only input devices?  
 (a) Mouse, Keyboard, Monitor  
 (b) Mouse, Keyboard, Printer  
 (c) Mouse, Keyboard, Plotter  
 (d) Mouse, Keyboard, Scanner  
 (e) None of these
162. A menu contains a list of  
 (a) Commands (b) Data (c) Objects  
 (d) Reports (e) None of these
163. What is output?  
 (a) What the processor takes from the user  
 (b) What the user gives to the processor  
 (c) What the processor gets from the user  
 (d) What the processor gives to the user  
 (e) None of these
164. An error is also known as  
 (a) Bug (b) debug (c) cursor (d) icon  
 (e) none of these
165. Computer \_\_\_ is whatever is typed, submitted, or transmitted to a computer system.  
 (a) Input (b) output (c) data (d) circuitry  
 (e) None of these
166. Which process checks to ensure the components of the computer are operating and connected properly?  
 (a) Booting (b) Processing (c) Saving  
 (d) Editing (e) None of these
167. Unsolicited commercial email is commonly known as  
 (a) Spam (b) junk (c) hoaxes (d) hypertext  
 (e) none of these
168. \_\_\_ is processed by the computer into information.  
 (a) numbers (b) processor (c) input (d) data  
 (e) None of these
169. A web site address is a unique name that identifies a specific \_\_\_ on the web.  
 (a) web browser (b) web site (c) PDA  
 (d) link (e) None of these
170. A device that connects to a network without the use of cables is said to be  
 (a) distributed (b) centralized (c) open source  
 (d) wireless (e) None of these
171. Editing a document consists of reading through the document you've created, then  
 (a) correcting your errors (b) printing it  
 (c) saving it (d) deleting it (e) None of these
172. The internet allows you to  
 (a) send electronic mail (b) view web pages  
 (c) connect to servers all around the world

- (d) all of these (e) none of these
- 173.** Most mail programs automatically complete the following two parts in an email  
 (a) From : and Body : (b) From : and Date :  
 (c) From : and To : (d) From : and Subject :  
 (e) None of these
- 174.** Where is the disk put in a computer?  
 (a) in the modem (b) in the hard drive  
 (c) into the CPU (d) in the disk drive  
 (e) none of these
- 175.** The name a user assigns to a document is called a(n)  
 (a) filename (b) program (c) record (d) data  
 (e) none of these
- 176.** An e-mail address typically consists of a user ID followed by the \_\_\_\_ sign and the name of the e-mail server that manages the user's electronic post office box.  
 (a) @ (b) # (c) & (d) ★ (e) None of these
- 177.** A personal computer is designed to meet the computing needs of a(n)  
 (a) individual (b) department (c) company  
 (d) city (e) None of these
- 178.** Ctrl, shift and alt are called \_\_\_\_ keys  
 (a) adjustment (b) function (c) modifier  
 (d) alphanumeric (e) none of these
- 179.** File \_\_\_\_ shrinks the size of a file so it requires less storage space.  
 (a) scanning (b) synthesizing (c) defragmenting  
 (d) compression (e) None of these
- 180.** In addition to the basic typing keys, desktop and notebook computer keyboards include a(n) \_\_\_\_ keypad to efficiently move the screen-based insertion point.  
 (a) editing (b) number (c) locked (d) docked  
 (e) none of these
- 181.** To insert a new slide in a presentation, press  
 (a) CTRL + N (b) CTRL + M (c) CTRL + O  
 (d) CTRL + S (e) CTRL + F
- 182.** Drop Cap offers \_\_\_\_ positions in settings  
 (a) 3 (b) 6 (c) 2 (d) 5 (e) 1
- 183.** The feature of word that automatically adjusts the amount of space between certain combination of characters so that an entire word looks more evenly spaced is termed as  
 (a) Spacing (b) kerning (c) positioning  
 (d) scaling (e) justifying
- 184.** While recording a macro, the third step will be  
 (a) using your mouse or keyboard, perform the task you want to automate  
 (b) Assign a keyboard shortcut to the macro  
 (c) Give the macro a name (d) Start recording  
 (e) Select the location of macro on toolbar
- 185.** \_\_\_\_ is not available on the Ruler of MS Word screen  
 (a) Centre Indent (b) Right Indent  
 (c) Left Indent (d) Tab Stop box  
 (e) None of these
- 186.** Which cannot be used to close the word application  
 (a) ALT + F4 (b) File -> Close (c) File -> Exit  
 (d) X button in the word window  
 (e) None of these
- 187.** Excel workbook contains  
 (a) Workbooks (b) Worksheets  
 (c) Worksheets and charts (d) Work areas  
 (e) All of these
- 188.** Consolidate option does not offer \_\_\_\_ function  
 (a) AVERAGE (b) MAX (c) PMT (d) SUM  
 (e) StDev
- 189.** To see first row and first column in an excel sheet at all times even if you scroll till the end of sheet  
 (a) Use workbook views features  
 (b) Use switch windows features  
 (c) Use Freeze panes features  
 (d) Use freeze row and freeze column option  
 (e) Use heading
- 190.** NOW() returns  
 (a) Current date (b) Current time (c) Current year  
 (d) Current date and time (e) Current month
- 191.** Default header of a worksheet  
 (a) username (b) Date and time (c) Sheet name  
 (d) Workspace name (e) None of these
- 192.** Which of these language uses both interpreter and compiler  
 (a) COBOL (b) CASIC (c) JAVA (d) C++  
 (e) All of these
- 193.** \_\_\_\_ is a type of memory organization or image file format used to store digital images  
 (a) Pixmap (b) GUI (c) Pixel (d) Resolution  
 (e) Vector graphics
- 194.** \_\_\_\_ file format used for data compression and archiving  
 (a) .EXE (b) .INI (c) .COM (d) .ZIP (e) .WIN
- 195.** In second generation, \_\_\_\_ language were introduced after binary language  
 (a) Assembly level language (b) High level language  
 (c) Low Level language (d) Data definition language  
 (e) Structured query language
- 196.** Which layer of the OSI model performs segmentation of a data stream  
 (a) Application layer (b) Network layer  
 (c) Physical layer (d) Transport layer  
 (e) Presentation layer
- 197.** \_\_\_\_ is a combination of software and hardware  
 (a) Firmware (b) Shareware (c) Freeware  
 (d) Netware (e) Software
- 198.** SCSI is related to  
 (a) Network (b) Storage (c) Data transfer  
 (d) Images (e) Resolution
- 199.** The amount of the data CPU can transmit at a time to main memory and to input and output devices  
 (a) Data width (b) Bus width (c) Memory width  
 (d) Capacity (e) None of these
- 200.** The daily processing of corrections to customer accounts can be simplified into a processing mode of  
 (a) Time- Sharing (b) Centralized processing  
 (c) Batch Processing (d) Real – time processing  
 (e) None of these

\*\*\*\*\* ALL THE BEST \*\*\*\*\*

1	a	21	d	41	a	61	c	81	c	101	d	121	a	141	b	161	d	181	b
2	b	22	e	42	c	62	d	82	d	102	c	122	d	142	c	162	a	182	a
3	b	23	d	43	d	63	b	83	b	103	a	123	e	143	d	163	d	183	b
4	d	24	b	44	e	64	e	84	e	104	b	124	a	144	b	164	a	184	b
5	d	25	e	45	b	65	b	85	b	105	b	125	c	145	a	165	a	185	a
6	e	26	c	46	e	66	c	86	c	106	a	126	c	146	d	166	a	186	b
7	e	27	d	47	d	67	d	87	e	107	d	127	e	147	c	167	a	187	c
8	a	28	e	48	c	68	a	88	e	108	a	128	c	148	a	168	d	188	c
9	c	29	b	49	c	69	e	89	e	109	a	129	e	149	b	169	b	189	d
10	c	30	b	50	d	70	c	90	b	110	b	130	a	150	c	170	d	190	d
11	d	31	a	51	d	71	d	91	e	111	b	131	c	151	c	171	a	191	e
12	e	32	c	52	d	72	b	92	c	112	e	132	c	152	a	172	d	192	c
13	b	33	d	53	a	73	e	93	d	113	e	133	b	153	d	173	b	193	a
14	a	34	e	54	e	74	a	94	c	114	c	134	b	154	b	174	d	194	d
15	c	35	b	55	b	75	d	95	a	115	b	135	c	155	a	175	a	195	a
16	c	36	b	56	d	76	d	96	d	116	a	136	d	156	b	176	a	196	d
17	e	37	d	57	b	77	c	97	d	117	b	137	d	157	c	177	a	197	a
18	a	38	c	58	c	78	a	98	d	118	c	138	b	158	b	178	b	198	b
19	b	39	e	59	a	79	b	99	c	119	d	139	c	159	d	179	d	199	b
20	d	40	c	60	e	80	e	100	c	120	c	140	d	160	c	180	b	200	c