



དཔལ་ལྷན་འབྲུག་གཞུང་།
རྒྱལ་གཞུང་གི་གཞི་གཞུག་ལྷན་ཚོགས།



ROYAL GOVERNMENT OF BHUTAN
ROYAL CIVIL SERVICE COMMISSION

BCSE-B.ED GRADUATES EXAMINATION 2014

PAPER III : TEACHER APTITUDE TEST

(JANUARY 7, 2015)

QUESTION PAPER SERIES : B

**ROYAL CIVIL SERVICE COMMISSION
BCSE-B.ED GRADUATES EXAMINATION 2014
PAPER III: TEACHER APTITUDE TEST**

QUESTION PAPER SERIES:

B

ROLL NUMBER: BCSE (B.ED) – 2014 – _ _ _ _ _

Date : January 7, 2015
Total Marks : 100
Examination Time : 180 Minutes (3 Hours)
Reading Time : 15 minutes (prior to examination time)

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. Write your Registration Number clearly in the space provided above. Also write your Registration Number (printed as Roll Number on OMR Answer Sheet), CID Number and Question Paper Series on the OMR Answer Sheet and accordingly shade as per instructions on the OMR Answer Sheet.
2. The first 15 minutes are to check the number of pages, printing errors, clarify doubts and to read the instructions (Question Paper as well as OMR Answer Sheet). You are NOT permitted to write during this time.
3. The Question Paper consists of 26 pages excluding this Instruction page. In addition, 4 blank pages are provided for rough work. The Paper is divided into Four Sections as follows:

Section A	: Basic Data Interpretation
Section B	: Logical Reasoning
Section C	: General Awareness
Section D	: Problem Solving
4. This Paper consists of 100 Multiple Choice Questions, each carrying 1 Mark. All Questions are compulsory.
5. All answers must be marked on the OMR Answer Sheet provided. You are NOT allowed to write anything on the question paper or any other materials. Use the blank sheets provided for rough work.
6. Use PENCIL to mark your Answers. Do NOT use Pen.
7. You are required to hand over the question paper along with OMR Answer Sheet to the Invigilator before leaving the examination hall.

GOOD LUCK!

SECTION II
BASIC DATA INTERPRETATION

This section consists of 25 multiple-choice questions. Answer all the questions. Each question has four optional responses (A, B, C, D). Choose the correct response. (25 x 1 = 25)

Use the following table to answer questions 1-5.

SCOREBOARD FOR INTER-HOUSE LITERARY COMPETITION				
Activity	Quiz	Debate	Extempore Speech	Essay Writing
Date	06/04/14	12/05/14	30/05/14	07/06/14
White House	22	20	16	20
Blue House	18	19	17	21
Yellow House	20	16	19	22
Red House	16	23	18	23
Green House	17	18	17	18

1. Which house performed best in the literary competition?
 - A. White House
 - B. Blue House
 - C. Yellow House
 - D. Red House

2. Of the four literary activities, which activity appears the most challenging?
 - A. Quiz
 - B. Debate
 - C. Extempore Speech
 - D. Essay Writing

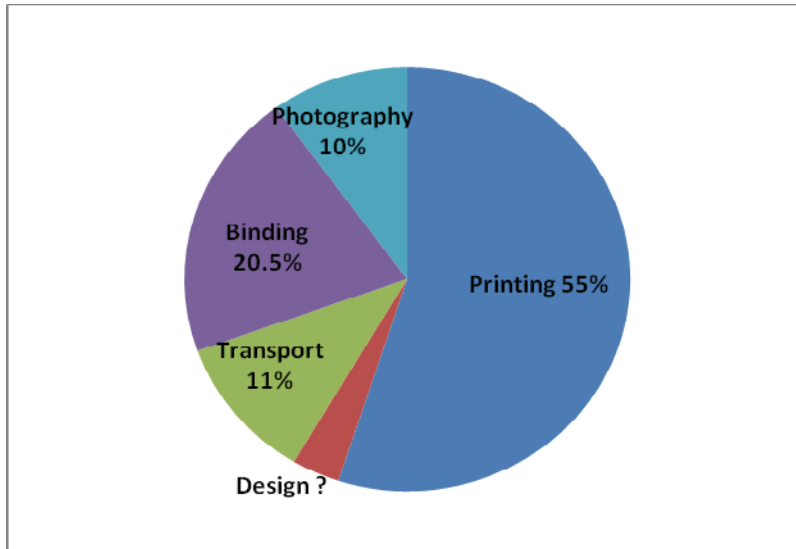
3. Which house has the least scores in the literary competition?
 - A. Blue House
 - B. Green House
 - C. Red House
 - D. Yellow House

4. The House which shows the highest range in terms of scores is
 - A. Red House
 - B. Blue House
 - C. Yellow House
 - D. White House

5. Which of the following statements is NOT true?
 - A. White house is the highest scorer in the Quiz
 - B. Most houses performed well in the Essay Writing
 - C. The average score of Red House in all activities is 20 marks
 - D. Yellow House stands in second position in the literary competition

Use the following figure to answer question 6 and 8.

School Magazine: Publication Costs

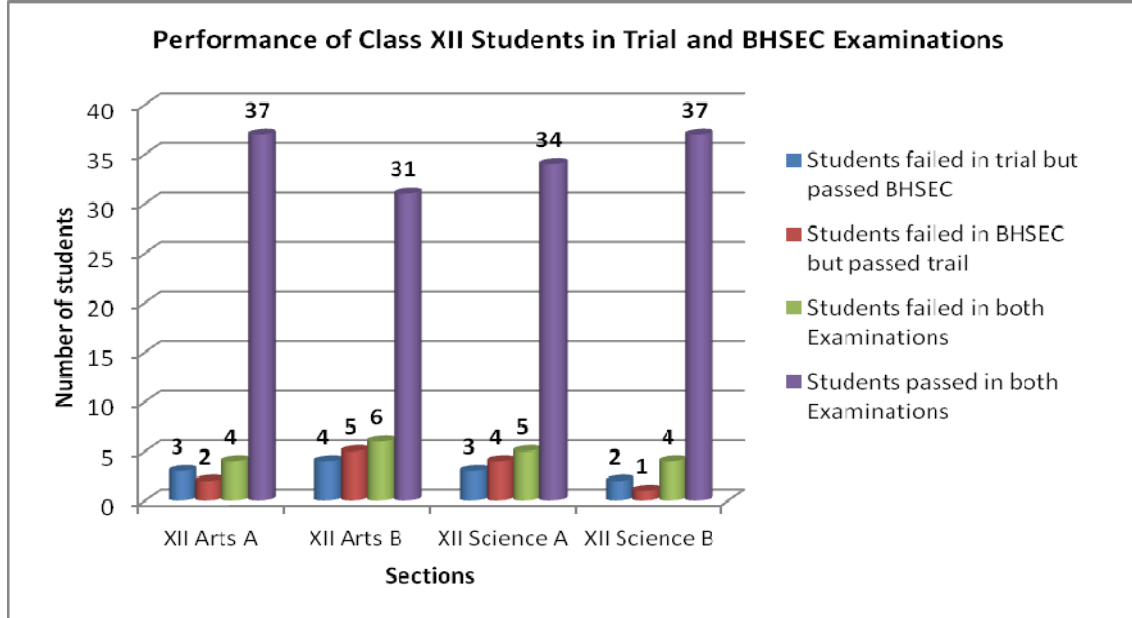


6. What percent of the total cost was spent on design of the school magazine?
 - A. 0%
 - B. 3.5%
 - C. 4.5%
 - D. 5%

7. If the total cost of publishing the school magazine is Nu. 364,000, what was the amount spent on transport?
 - A. Nu. 12,740
 - B. Nu. 33,090
 - C. Nu. 40,040
 - D. Nu. 404,040

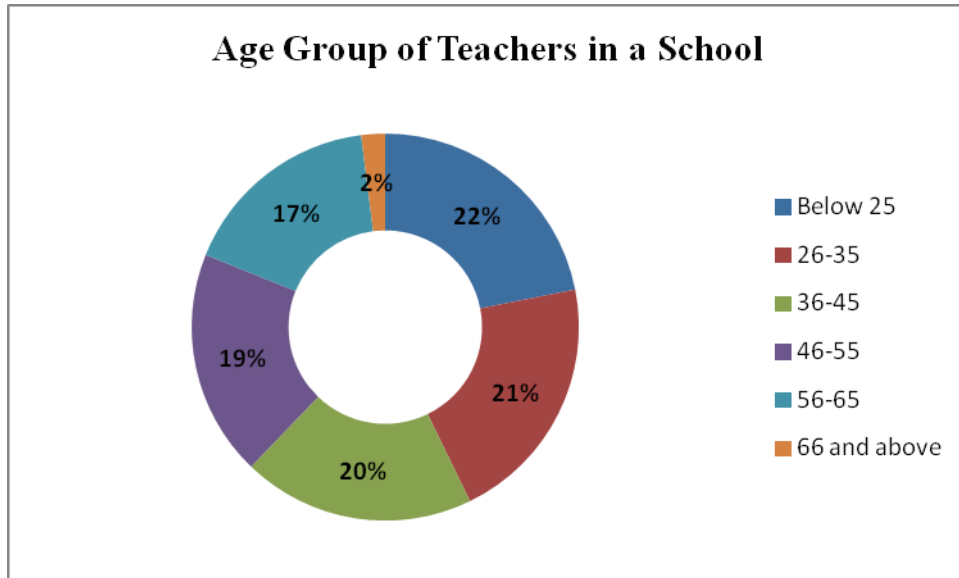
8. Which of the following statements is TRUE according to the figure?
 - A. More was spent on transportation and binding together than on printing.
 - B. The cost of publishing the magazine is too high.
 - C. The major cost was incurred in printing.
 - D. The magazine was not well designed.

Use the following figure to answer question 9-12.



9. If the number of students passing an examination be considered a criteria for judging the difficulty level of the two examinations, which of the following statements is true?
- The Trial Examinations were more difficult.
 - Both the examinations were equally difficult.
 - The BHSEC Examinations were more difficult.
 - The data does not allow for comparison.
10. The total number of students in Class XII Arts A is
- 33
 - 40
 - 41
 - 46
11. Which section has the largest number of students passing the BHSEC Examinations?
- XII Arts A
 - XII Arts B
 - XII Science A
 - XII Science B
12. Which section has the highest pass percentage in the BHSEC Examinations?
- XII Arts A
 - XII Arts B
 - XII Science A
 - XII Science B

Use the following figure to answer questions 13-16.



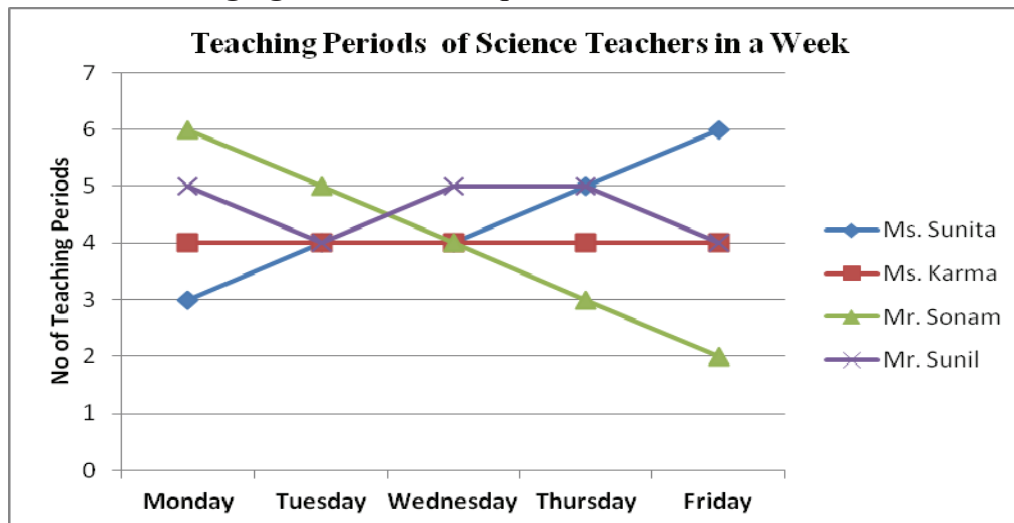
13. In which of the following age groups would you find the most teachers?
 - A. Below 25
 - B. 26-35
 - C. 36-45
 - D. 46-45

14. If there are 10 teachers in the age group of 36-45, what is the total number of teachers in the school?
 - A. 45
 - B. 50
 - C. 20
 - D. 35

15. If there are 10 teachers in the age group of 36-45, what is the ratio of the number of teachers in the oldest age group to the number of teachers in the youngest age group?
 - A. 1:3
 - B. 1:6
 - C. 1:11
 - D. 1:22

16. Which of the following statements is TRUE?
 - A. The age groups 46 to 60 + make up half the total population of teachers.
 - B. There are two teachers in the age group 60 and above.
 - C. All teachers of the school get along with each other.
 - D. 43% of teachers is below the age of 36.

Use the following figure to answers question 17-20.



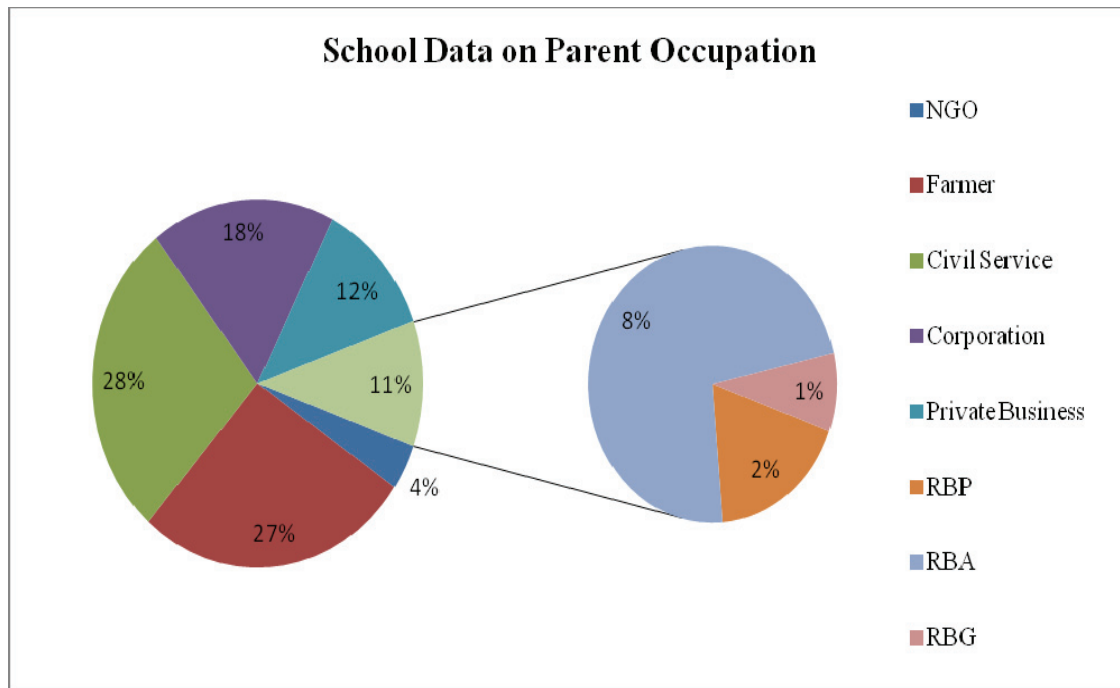
17. Which teacher has the highest number of teaching period in a week?
- Mr. Sunil
 - Ms. Karma
 - Mr. Sonam
 - Ms. Sunita
18. Together, the four Science teachers have the least number of periods on
- Wednesday
 - Friday
 - Thursday
 - Tuesday
19. Which of the following is TRUE with respect to Mr. Sonam?
- has the highest number of teaching periods
 - has the same number of teaching periods every day
 - steady decline in number of periods as the week progresses
 - is not sincere in his duties and does not attend class regularly
20. Which of the following statements is TRUE?
- Ms. Karma's teaching is not improving.
 - No teacher has more than 6 teaching periods in a day.
 - Ms. Karma has the least number of periods on Thursday.
 - The female teachers have more teaching period in a week than the males.

Use the following table to answers question 21 and 22.

Class III: Literacy and Numeracy Test Scores				
Sl. No.	Student Name	Gender	English Test Score	Mathematics Test Score
1	Ram	Boy	7	7
2	Ajay	Boy	7	6
3	Pema	Boy	5	4
4	Dorji	Boy	8	5
5	Sangay	Boy	6	4
6	Tashi	Boy	8	6
7	Penjor	Boy	9	9
8	Minjur	Boy	5	4
9	Rinchen	Girl	6	8
10	Dema	Girl	7	7
11	Damchen	Girl	5	6
12	Lhaki	Girl	7	4
13	Seldon	Girl	5	7
14	Kalpana	Girl	8	8
15	Maya	Girl	5	6
16	Sonam	Girl	7	4
17	Tara	Girl	7	6
18	Mamta	Girl	7	7
19	Choden	Girl	6	5
20	Tshering	Girl	7	4

21. The ratio of boys to girls in the class is
- A. 1:2.
 - B. 1:3.
 - C. 2:3.
 - D. 2:4.
22. Which of the following statements is TRUE?
- A. In Mathematics, the average performance of boys is better than that of the girls.
 - B. In English, the average performance of girls is better than that of the boys.
 - C. On an average, the girls have scored higher than boys in both the tests.
 - D. The same student scored the highest in both the tests.

Use the following figure to answers question 23-25.



23. The smaller circle represents the parents who are employed
- Outside Bhutan.
 - In the armed forces.
 - As employees by private businesses.
 - Both in the private businesses and corporations.
24. Most students of the school are children of parents who are
- Farmers.
 - Civil servants.
 - Armed force personnel.
 - Employed by corporations.
25. If the total number of students in the school is 650, what is the number of students whose parents work in NGOs?
- 4
 - 26
 - 43
 - 96

SECTION I
LOGICAL REASONING

This section consists of 25 multiple-choice questions. Answer all the questions. Each question has four optional responses (A, B, C, D). Choose the correct response. (25 x 1 = 25)

26. To forgive an injury is often considered to be a sign of weakness; but it is really a sign of strength. It is easy to allow oneself to be carried away by resentment and hate into an act of vengeance; but it takes a strong character to restrain those natural passions. The man who forgives an injury proves himself to be the superior of the man who wronged himself and puts the wrongdoer to shame.

The paragraph best supports the statement that:

- A. People tend to forgive the things happened in the past
 - B. The sufferer alone knows the intensity of his sufferings
 - C. Mercy is the noblest form of revenge
 - D. Natural passions are difficult to suppress
27. Today's workforce has a new set of social values. Ten years ago, a manager who was offered a promotion and transferred as head of branch office in a remote village in Gasa would not have questioned the move. Today, a manager in that same situation might choose family happiness instead of career advancement.

Choose the appropriate summary of the above paragraph.

- A. Most managers are not loyal to the organization for which they work.
 - B. Employees' social values have changed over the past decade.
 - C. Career advancement is not important to today's business managers.
 - D. Companies offer promotion to send their employees to far-flung places.
28. Most of the school-going children in Bhutan are now avid and regular viewers of television. Consequently, we see an alarming decline in the extent of readership of newspapers and books by the children.
- Conclusions:**
- I. Government needs to study the impacts of watching television by school-going children
 - II. There is a concern that book-reading habits of children will slowly disappear.

Which conclusion(s) agree with the above paragraph?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II

29. Choose the appropriate assumption(s) from the given statement.
Statement: “If you misbehave in the class, I will send you to the principle’s office” – a teacher warns a student
- Assumptions:**
- I. With the warning, student will behave properly
 - II. Students are always naughty
- A. I only
 - B. II only
 - C. Both of them
 - D. None of them
30. I. The number of unemployed graduates in Bhutan is increasing every year.
II. A huge number of candidates submitted their applications against 5 vacancies advertised in Kuensel for contract teachers.
- Which of the following is correct evaluation?*
- A. Statement I is cause and Statement II is its effect.
 - B. Statement II is cause and Statement I is its effect.
 - C. Both the statements I and II are independent causes.
 - D. Both the statements I and II are effects of independent causes.
31. An **Informal Gathering** occurs when a group of people gets together in a casual, relaxed manner. Which situation below is the best example of an Informal Gathering?
- A. Dorji sends out invitations to all his friends for his upcoming wedding ceremony
 - B. Whenever she eats at a restaurant located near Zangdo Pelri complex, Pema seems to run into her friend Sonam.
 - C. Members of the some university Alumni Association meet every Saturday evening to discuss the activities for their Association.
 - D. After knowing about her promotion, Dechen and a few of her friends decide to go out for a quick drink after work.
32. Choose the correct logical deduction of the statements: “All students in my class are intelligent. Karma is not intelligent.”
- A. Some students are not intelligent
 - B. If someone is dull, he/she is not a student
 - C. Karma is not a student of my class
 - D. Karma may be intelligent, if he works hard

33. In the month of November, 9 Bhutanese movies were released. 4 were contemporary comedy movies, 3 were based on historical folktales of Bhutan and 2 were cartoon animations. By end of December, only 6 of them were still on the air of which 4 of them were contemporary ones.

Find a statement, which must be **TRUE** according to the information given above.

- A. Only one of the movies of historical folktales remained on the air
 - B. At least one of the movies that was closed was historical folktales
 - C. Only one of cartoon animations remained on the air
 - D. At least one of the movies that was closed was cartoon animation
34. Dema lives in the capital city, Thimphu. Her younger cousin Tshomo lives in north of Trashigang in a small village. Tshomo has visited Dema several times during the past three years. In the same period, Dema visited Tshomo just once.

Which of the following is **TRUE**?

- A. Dema is too busy in the city to visit her cousin Tshomo
 - B. Tshomo likes Dema more than Dema likes Tshomo
 - C. Tshomo loves city life
 - D. Dema is older than Tshomo
35. Top five students of class X from Motithang Higher Secondary School were identified at the end of academic year 2014. Sangay was rated right below Pema. Tenzin was positioned just above Dolkar. Dorji was ranked between Dolkar and Pema. Who earned the 1st and 2nd positions?
- A. Tenzin was 1st and Pema was 2nd
 - B. Tenzin was 1st and Dolkar was 2nd
 - C. Dolkar was 1st and Dorji was 2nd
 - D. Pema was 1st and Sangay was 2nd

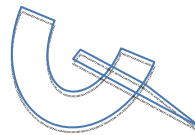
36. Identify the figure that is different from others.



I



II



III



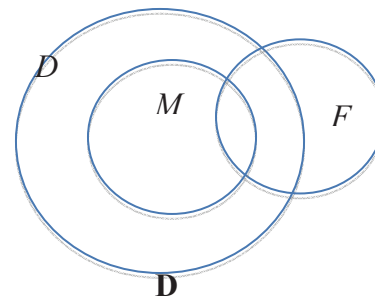
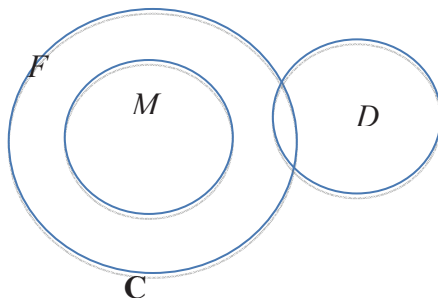
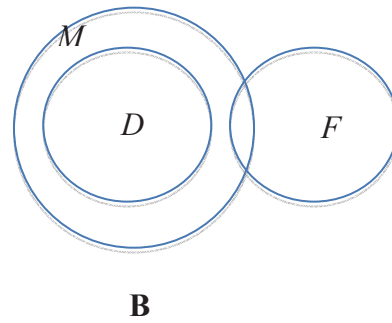
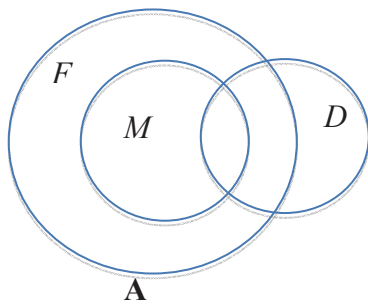
IV

- A. Figure I
- B. Figure II
- C. Figure III
- D. Figure IV

37. Which of the following words is the odd one?

- A. Noun
- B. Preposition
- C. Adverb
- D. Punctuation

38. Select the diagram that best illustrates the relation among the given terms:
M= Mothers, D = Doctors, F = Females



39. Which word does NOT belong with the others?

- A. Unique
- B. Rare
- C. Beautiful
- D. Exceptional

For questions 40 and 41, pick the correct comparison/analogy.

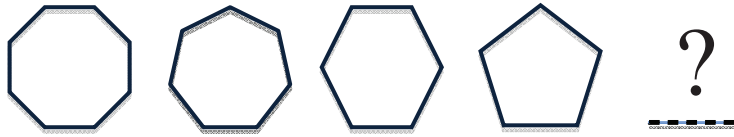
40. DOCTOR : HOSPITAL ::
- A. School : Teacher
 - B. Waitress : Restaurant
 - C. Farm : Farmer
 - D. Office : Office Assistant
41. HUMILIATED : EMBARRASSED ::
- A. Terrified : Composed
 - B. Agitated : Tranquilized
 - C. Reckless : Responsible
 - D. Courageous : Heroic





For questions 42 and 43, choose the most essential element of the underlined word.

42. Monopoly:
- A. Rich
 - B. Corrupt
 - C. Exclusive
 - D. Omnipresent
43. Knowledge:
- A. School
 - B. Teacher
 - C. Textbooks
 - D. Learning
44. Here are some words translated from an old extinct language to English.
Sanophamo means tall man
Nanophamo means tall woman
Sanogapa means old man
- Which word could possibly mean “**Handsome man**”?*
- A. Sanomato
 - B. Nanoasso
 - C. Sanonano
 - D. phamodera

45. Caesar Cipher, which was the simplest message jumbling technique in the computing system, shifts an alphabet letter by 3 steps forward. Which of the following is the correct encoding of the word "BHUTAN" using Caesar Cipher?
- DJWVCP
 - EKXWDQ
 - EJXVDP
 - DKXVDQ
46. If 'HOPE' is called 3, 'GOVERNMENT' is called 9, 'PEACEFUL' is called 7, what would 'HAPPINESS' be called?
- 8
 - 6
 - 9
 - 5
47. What is the next number in the given Sequence? 2, 6, 12, 20, 30, -----
- 38
 - 42
 - 48
 - 52
48. Which of the following follows the given pattern: $B^2H^8Q^{17}$
- $J^8N^{14}W^{23}$
 - $C^3G^7R^{16}$
 - $D^4L^{12}S^{19}$
 - $F^6O^{14}T^{21}$

49. Which shape comes in the given sequence?



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

50. Which of the following is the Antonym of the word "*Pacific*"?

- A. Elaborate
- B. Benevolent
- C. Tranquil
- D. Aggressive

SECTION III
GENERAL AWARENESS

This section consists of 25 multiple-choice questions. Answer all the questions. Each question has four optional responses (A, B, C, D). Choose the correct response. (25 x 1 = 25)

51. Who among the following famous personalities was not a teacher?
A. Albert Einstein
B. Aristotle
C. Gregor Mendel
D. Maria Montessori
52. Which professional would have to take the Hippocratic Oath?
A. judge
B. doctor
C. teacher
D. engineer
53. The book 'God of Small Things' is written by
A. Arundhati Roy
B. Benezir Bhutto
C. Khushwant Singh
D. Maya Angelou
54. Which country in Europe is known as the 'land of ten thousand lakes'?
A. Finland
B. Norway
C. Scotland
D. Sweden
55. Which of the following would you find in the national emblem of Bhutan?
A. a circle that projects a golden thunderbolt placed above the lotus
B. a circle that projects a diamond thunderbolt placed above the lotus
C. a circle that projects four diamond thunderbolts placed above the lotus
D. a circle that projects a double diamond thunderbolt placed above the lotus

56. What is the name of the individual whose photograph is given below?



- A. Kailash Satyarthi
B. Laxmi Mittal
C. Malala Yousafzai
D. Subrata Roy Chowdhury
57. Who is the Chief Justice of Bhutan?
A. Dasho Kunzang Wangdi
B. Dasho Rinzin Gyaltshen
C. Dasho Sonam Tobgay
D. Dasho Tshering Wangchuk
58. In 2010, Bhutan became the first country in the world to ban
A. the import of vehicles
B. the sale of alcohol on Mondays
C. the production and sales of tobacco products
D. the production and sale of plastic bags
59. Which of the following countries is situated over two continents?
A. Australia
B. Turkey
C. Iraq
D. China

60. Who said, 'Education is what survives when what has been learned has been forgotten'.
- A. Albert Einstein
 - B. Alvin Toffler
 - C. B F Skinner
 - D. John Dewey
61. Who propounded the philosophy of education also called the 'philosophy of Naturalism'?
- A. Aristotle
 - B. Plato
 - C. Rousseau
 - D. Tagore
62. Who wrote the book 'Frames of Mind: The Theory of Multiple Intelligences'?
- A. Howard Gardner
 - B. Parker J. Palmer
 - C. Paul Johnson
 - D. Samuel L. Blumenfeld
63. What is the communication app that saw prominence and played a major role during the Hong Kong protests of 2014?
- A. FireChat
 - B. HipChat
 - C. SnapChat
 - D. Twitter
64. What is the full form of the acronym OPEC?
- A. The Organization for Peace and Economic Cooperation
 - B. The Organization of the Petroleum Exporting Countries
 - C. The Organization of Police Edification and Cooperation
 - D. The Organization for Parents Education and Counseling
65. Who topped the BCSE 2014 Examinations in the General Category?
- A. Dechen Peldon
 - B. Duptho Wangmo
 - C. Tashi Gyelmo
 - D. Yeshey Choden

66. The four commissioners of the RCSC are Lhendup Wangchuk, Kesang Deki, Karma Hamu Dorjee and
- A. Dasho Bharat Tamang
 - B. Indraman Chettri
 - C. Karma Tshiteem
 - D. Pushpual Chhetri
67. On which denomination of the new Ngultrum is the illustration of the Simtokha Dzong imprinted?
- A. One Ngultrum Note
 - B. Five Ngultrum Note
 - C. Ten Ngultrum Note
 - D. Hundred Ngultrum Note
68. To which movie does the poster given below belong?



- A. Homeless
- B. The Red Door
- C. Without a Roof
- D. The Burden of Life

69. What is the term of office of the Drangpons of the Supreme Court?
- A. 3 years
 - B. 5 years
 - C. 10 years
 - D. 15 years
70. Who composed the original 12-line lyrics of the national anthem?
- A. Dasho Aku Tongmi
 - B. Dasho Gyaldon Thinley
 - C. Dasho Sangay Dorji
 - D. Dasho Shingkar Lam
71. The national tree of Bhutan is the
- A. blue pine
 - B. rhododendron
 - C. oak
 - D. cypress
72. His Majesty the Fourth Druk Gyalpo was born in the year of the
- A. sheep
 - B. horse
 - C. dragon
 - D. monkey
73. The book 'History of Bhutan' published in April, 2013 is written by
- A. Dasho Karma Ura
 - B. Dr. C. T. Dorji
 - C. Dr. Karma Phuntsho
 - D. Pavan K. Varma

74. 'If you care, you will dare' is a catch phrase of the
- A. Anti-Corruption Commission of Bhutan
 - B. Election Commission of Bhutan
 - C. Royal Bhutan Police
 - D. Royal Bhutan Army

75. Produced in 1973 by Bhutan, what was the unique feature of the stamps given below?



- A. They were world's first CD-ROM postage stamp.
- B. They were the world's first metallic stamps.
- C. They were the world's first scented stamps.
- D. They were the world's first 3D stamps.

SECTION IV
PROBLEM SOLVING

This section consists of 25 multiple-choice questions. Answer all the questions. Each question has four optional responses (A, B, C, D). Choose the correct response. (25 x 1 = 25)

76. How many centimeters (cm) are there in $1\frac{3}{4}$ km?
- a. 1,750 cm
 - b. 17,500 cm
 - c. 175,000 cm
 - d. 1,750,000 cm
77. Out of 150 students, 30% actually failed the test. How many additional students failed, if teacher expected only 20% to fail while preparing the question paper?
- A. 10 students
 - B. 45 students
 - C. 30 students
 - D. 15 students
78. A person buys a piece of tablecloth with marked price of Nu.300 at 20% discount. At what price should he sell the tablecloth to make 20% profit?
- A. 288
 - B. 322
 - C. 240
 - D. 360
79. In the mathematics exam, a student divides the number by $\frac{3}{4}$ when he is supposed to multiply the number by $\frac{4}{3}$. What is the percentage of error in his answer?
- A. 0%
 - B. 5%
 - C. 25%
 - D. 50%

80. Point P is on the line AB. Which of the following is always TRUE?
- $AP = PB$
 - $AB > PB$
 - $AB < AP + PB$
 - $AP > PB$
81. In a class, $\frac{3}{4}$ of the boys like math, $\frac{1}{2}$ like science, $\frac{1}{4}$ of those who like science do not like math. How many boys like neither math nor science?
- $\frac{1}{4}$
 - $\frac{1}{6}$
 - $\frac{1}{2}$
 - $\frac{1}{8}$
82. Dawa signs a contract with his employer to work for a month (30 days) and will be paid Nu.200 per day for those days he worked. However, if he is absent, his employer will deduct Nu.20 per absent day as the penalty. At the end of the month, if he earns Nu. 4900, how many days was Dawa absent from his work?
- 6 days
 - 5 days
 - 4 days
 - 7 days
83. Yangchen runs 5 km toward north, then turns right and walks 4 km. Then she takes another right turn and runs for 5 km. How far is she from the starting point?
- 14 km
 - 4 km
 - 5 km
 - 10 km
84. If a boarding school buys X kilograms of vegetables at Nu. P, what would be the cost of buying Y kilograms of vegetables?
- Nu. P/XY
 - Nu. PX/Y
 - Nu. PY/X
 - Nu. Y/PX

85. A student got twice as many questions wrong as he got right. If he attempted 84 questions, how many did he solve correctly?
- A. 28
B. 16
C. 56
D. 42
86. At the end of a teachers' workshop, all 7 participants shake hands with each other once. How many handshakes are made in total?
- A. 28
B. 21
C. 49
D. 14
87. A school arranges annual picnic for students and teachers. For every 20 students, a teacher is assigned to look after them. If there are 672 people at the picnic, how many teachers were present at the picnic?
- A. 34
B. 28
C. 32
D. 26
88. Use the following excel sheet to answer the question.

	A	B	C	D
1	9	4	6	0
2	13	3	7	1
3	5	12	10	8

Multiply A1 with B2 and add the result with D3 and then divide by C2. What is the final answer?

- A. 5
B. 10
C. 7
D. 9

89. Last years, the customs at Paro International airport seized 120 people involved in Gold, Antiques and restricted Plants smuggling. If the ratio of those three crimes are 5:2:3 respectively, how many of them were caught for Antiques smuggling?
- A. 36
 - B. 10
 - C. 60
 - D. 24
90. You are facing North. Turn 90 degrees left. Turn 180 degrees right. Reverse the direction. Turn 90 degree left. Reverse the direction. In which direction are you facing now?
- A. East
 - B. West
 - C. North
 - D. South
91. Pema thought of a Number. She added 7 to it and then multiplied the result by 3. Next she took away 5 and finally divided it by 4 to get an answer of 7. What number did she start with?
- A. 1
 - B. 4
 - C. 9
 - D. 12
92. C is 4 years older than B but 2 years younger than A, while B and D are twins. By how many years is A older than D?
- A. 4 years
 - B. 6 years
 - C. 2 years
 - D. 1 year
93. In a class, there are 5 students from Paro Dzongkhag, 4 from Trashigang, 6 from Thimphu and 3 from Sarpang. What is the probability that if you pick 2 students, they are **NOT** from Lhuntse Dzongkhag?
- A. $\frac{1}{9}$
 - B. 0
 - C. 1
 - D. Can not be determined

94. If $3x+2y = 9$ and $5x-y = 2$, find the values of x and y ?
- A. $x = 2$ and $y = 1$
 - B. $x = 4$ and $y = 5$
 - C. $x = 3$ and $y = 1$
 - D. $x = 1$ and $y = 3$
95. In a school, 20 students like basketball, 18 students like football, 25 students like tennis. Of them, 9 students like basketball & football, 10 students like football & tennis, and 12 students like basketball & tennis. If 5 students like all the games and 6 like none of them, find the total strength of students in the school.
- A. 63
 - B. 37
 - C. 43
 - D. 52
96. A father says to his son, "*I am 20 years older than you. After five years, I will be three times your age.*" What is the father's present age?
- A. 30 years
 - B. 25 years
 - C. 40 years
 - D. 35 years
97. Thinley can finish the work in 5 days and Sangay can finish the same work in 10 days. If they work together for 2 days, what fraction of work is still remaining?
- A. $\frac{3}{5}$
 - B. $\frac{1}{5}$
 - C. $\frac{4}{5}$
 - D. $\frac{2}{5}$
98. How many days are there in 'X' weeks and 'X' days?
- A. $7x^2$
 - B. $8x$
 - C. $14x$
 - D. $7 + x$

99. The value of $\frac{(119 + 345)^2 + (119 - 345)^2}{119 \times 119 + 345 \times 345} = ?$

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

100. If you unscramble the letters of these two words 'NLOGDE GRNLAU', you get a(n) ----- of Bhutan.

- A. Flower
- B. Mountain
- C. Bird
- D. Animal

