SSC CHSL Tier 1 Previous Year Paper

Q1. Select the combination of letters that when sequentially placed in the gaps of the given letters series will complete the series.
H _ _ EPCK _ _ CDEP _ KFHC _ EPC _ F
(a) DCFHFDD
(b) CDHHDCK
(c) CDFHCDK
(d) CCFHKDK

Q2. 'Glaucoma' is related to 'Eyes' in the same way as 'Arthritis' is related to '____'.
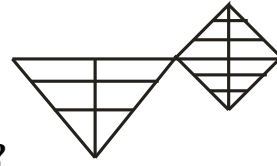(a) Liver
(b) Joints
(c) Ears
(d) Arteries

Q3. In a code language, ELECTION is written as DKDBSHNM. How will EXAMPLE be written in the same language?
(a) FWZLOKD
(b) DWZLOKD
(c) DYZLOKD
(d) DWZLOKF

Q4. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
7:729
(a) 8:1000
(b) 4:64
(c) 5:125
(d) 6:343

Q5. How many triangles are present in the following figure?
(a) 27
(b) 29
(c) 31
(d) 30

Q6. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.
Fan:Electricity
(a) Cooler:Water
(b) Petrol:Fuel
(c) Bike:Kick
(d) Vehicles:Diesel

Q7. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
(a) Bleat
(b) Croak
(c) Bark
(d) Larva

Q8. The total age of a mother and her son is 60 years. The difference between their ages is 30 years. Find out the age of the mother.
(a) 50 years
(b) 45 years
(c) 35 years
(d) 40 years

Q9. The different position of the same dice are shown. How many dots will be on the top in four dots are at the bottom?
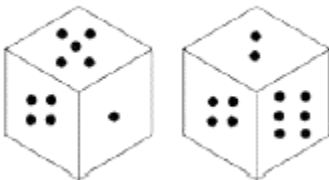
(a) 3
(b) 2
(c) 1
(d) 5

Q10. 'A+B' means 'A' is the brother of B'.'A-B' means 'A' is the husband of B'.'A×B' means 'A' is the mother of B'.'A÷B' means 'A is the sister of B'.

If P+R÷T-K×O×C, then how is P related to O?

(a) Paternal Grandfather

(b) Father

(c) Paternal Uncle

(d) Brother

Q11. Which two signs should be interchanged to make the given equation correct?20+5×3÷3-1=14

(a) ÷ and +

(b) × and -

(c) × and +

(d) ÷ and ×

Q12. In a code language, ELASTIC is written as DOHVFLW. How will SMARTER be written as in that language?

(a) DPVTUGW

(b) DOTUUHX

(c) EQVUUHW

(d) DPVUUHW

**Q13. If MAGENTA is coded as 1317514201, then how will VISCOUS be coded as?**

(a) 218193162018

(b) 229193152119

(c) 239203152219

(d) 228193142118

Q14. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

CQHL: FTEI: ::OPAR: ?

(a) RTYO

(b) RSXO

(c) RSXP

(d) YTXO

Q15. Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.

(a)

(b)

(c)

(d)
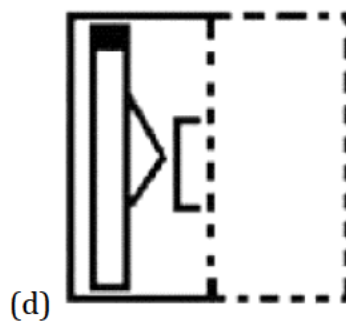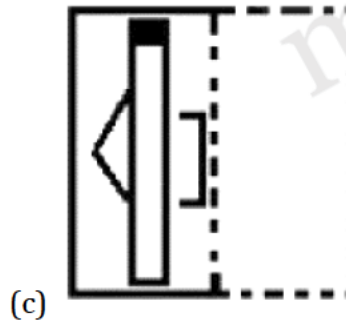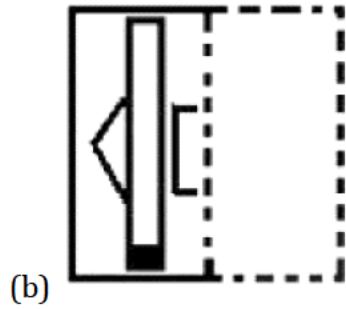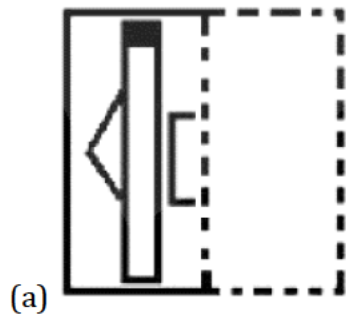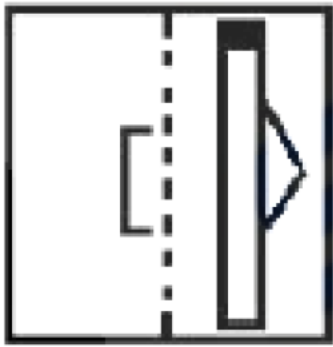
Q16. Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.
(a) 173
(b) 179
(c) 181
(d) 183

Q17. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
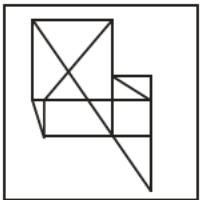(a) BCEH
(b) KLNQ
(c) TUWZ
(d) LMPS

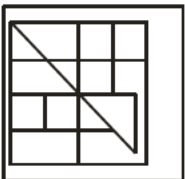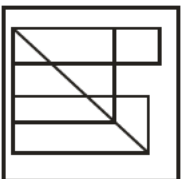**Q18. Select the option in which the given figure (X) is embedded (rotation not allowed)**
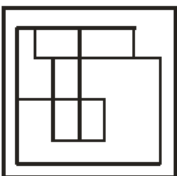

X

(a)

(b)

(c)

(d)

Q19. Arrange the following in a logical and meaningful order.
1.   **World Cup semi-final matches**
2.   **World Cup finals match**
3.   **Organising the World Cup**
4.   **Finalising the participating teams**
5.   Winner of the World Cup
(a) 5, 2, 3, 1, 4
(b) 4, 1, 2, 3, 5
(c) 4, 3, 1, 2, 5
(d) 4, 1, 3, 2, 5

Q20. There are fourteen teams playing in a tournament. If every team plays one match with every other team, how many matches will be played in the tournament?
(a) 66
(b) 78
(c) 91
(d) 101

Q21. Select the letter cluster that will come next in the following series.DOP, FPN, HQL, JRJ, ?
(a) LSH
(b) LSI
(c) KSH
(d) KTI

Q22. Select the Venn diagram that best illustrates the relationship between the following classes. Women, Sister, Mothers
(a)
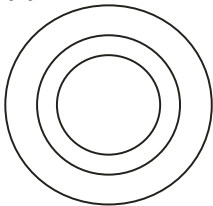
(b)
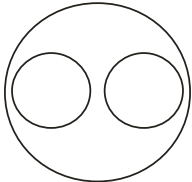
(c)
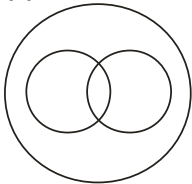
(d)
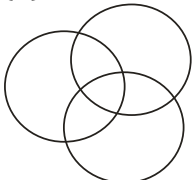
Q23. Select the figure that will come next in the following figure series.
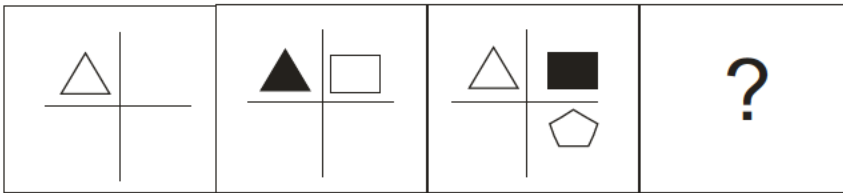
(a)
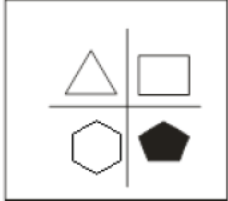
(b)
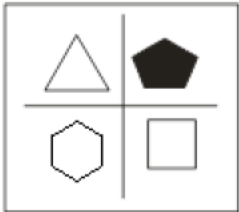
(c)
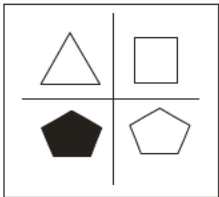
(d)
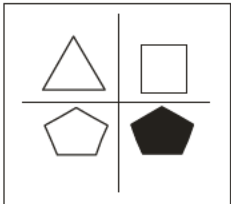
Q24. Select the correct mirror image of the given combination when the mirror is placed to the right.

UKR4edm8

(a)

8mbeⱯЯKՈ

(b)

8mbeⱯЯKU

(c)

8mbeⱯЯKU

(d)

8wbeⱯЯKU

Q25. Two statements are given, followed by three conclusions numbered I, II, III, Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow (s) from the statements.

Statements:

All breads are cakes.

All eggs are cakes.

Conclusions:

I.   **Some cakes are breads.**

II.   **Some breads are eggs.**

III.   **No bread is an egg.**

(a) All the conclusions follow.

(b) Conclusion I and either conclusion II or III follow.

(c) Only conclusions I and II follow.

(d) Only conclusions I and III follow.

Q26. Oman author Joka Alharthi won the '2019' Man Booker International Prize' for which of the following novels?

(a) Celestial Bodies

(b) Milkman

(c) The pine Islands

(d) The Years

Q27. Which emperor's army did Maharana Pratap fight in the Battle of Haldighati?

(a) Mahmud Shah

(b) Humayun

(c) Ibrahim Lodi

(d) Akbar

Q28. What is the rank of India on Human Development Index 2018?

(a) 181

(b) 130

(c) 210

(d) 21

Q29. Who among the following invented the computer language, COBOL?

(a) Grace Murray Hopper

(b) John McCarthy

(c) Guido van Rossum

(d) Brendan Eich

Q30. According to Census 2011, which state has the highest density of population?

(a) West Bengal

(b) Bihar

(c) Uttar Pradesh

(d) Maharashtra

Q31. ____ is a metamorphic rock form characterized by banding caused by segregation of different types of rock, typically light and dark silicates.

(a) Gneiss

(b) Quartzite

(c) Slate

(d) Marble

Q32. Which of the following is the highest award (in the order of precedence) for military services in India?

(a) Kirti Chakra

(b) Ashok Chakra

(c) Veer Chakra

(d) Param Vir Chakra

Q33. India lifted South Asian Football Federation SAFF Women's championship for how many times in a row in March 2019?

(a) 6th

(b) 5th

(c) 3rd

(d) 4th

Q34. As per the Constitution of India, Panchayats at the intermediate level may NOT be constituted in a State having a population not exceeding:

(a) Thirty lakhs

(b) Forty lakhs

(c) Ten lakhs

(d) Twenty lakhs

Q35. Which one of the following is a monetary principle stating that "bad money drives out good"?

(a) Pareto efficiency

(b) The multiplier effect

(c) Marshall's scissors analysis

(d) Gresham's law

Q36. To which state does the traditional folk dance 'Gotipua' belong?

(a) West Bengal

(b) Odisha

(c) Bihar

(d) Chattisgarh

Q37. Kolleru Lake which is one of the largest freshwater lakes in India is located in which state?
(a) Jammu & Kashmir
(b) Andhra Pradesh
(c) Manipur
(d) Rajasthan

Q38. The power to enquire into and decide all doubts and disputes arising out of election of the President is vested in:
(a) The Chairman of Rajya Sabha
(b) The Prime Minister of India
(c) The Supreme Court
(d) The Election Commission

Q39. Deficiency of which of the following nutrients is the most common cause of goiters?
(a) Iron
(b) Vitamin C
(c) Calcium
(d) Iodine

Q40. Second generation computers can be characterized largely by their use of _____.
(a) Integrated circuits
(b) Vacuum tubes
(c) Microprocessors
(d) Transistors

Q41. In the famous Rohilla War in the year 1774, the Rohillas were defeated by the Nawab of Awadh named:
(a) Asif Jah Mirza
(b) Asaf-ud-Daula
(c) Yamin-ud-Daula
(d) Sauja-ud-Daula

Q42. Which force helps swimmers float in water?
(a) Muscular force
(b) Frictional force
(c) Buoyant force
(d) Magnetic force

Q43. Which is the new state bird of Andhra Pradesh declared by the State Government in June 2018?
(a) Sarus Crane
(b) Great Hornbill
(c) Rose-ringed Parrot
(d) Black Crested Bulbul

Q44. On which river is Polavaram irrigation project being built?
(a) Son
(b) Tungabhardra
(c) Godavari
(d) Kaveri

Q45. Which country won the '2019 Sultan Azlan Shah Cup Hockey' title?
(a) South Korea
(b) Malaysia
(c) Australia
(d) India

Q46. Who among the following was awarded the third Sayaji Ratna Award in November 2018 which has been established in the memory of erstwhile Baroda ruler Sayajirao Gaekwad III?
(a) Mohanlal
(b) Shiv Nadar
(c) Amitabh Bachchan
(d) Azim Premji

Q47. Which of the following places in famous for Chikankari embroidery?
(a) Indore
(b) Hyderabad
(c) Chennai
(d) Lucknow

Q48. As of May 2019, which player has scored the most international runs in the world in all the three formats (Test Match, ODI Match and T-20 Match) of cricket combined?
(a) Ricky Ponting
(b) Virat Kohli
(c) Sachin Tendulkar
(d) Don Bradman

Q49. Who was recently elected as the President of Indonesia for the second term?
(a) Susilo Bambang Yudhoyono
(b) Magawati Sukarnoputri
(c) Abdurrahman Wahid
(d) Joko Widodo

Q50.Which day has been proclaimed as The International Day for Biological Diversity (IDB) to increase understanding and awareness of biodiversity issue by The United Nations?
(a) 18 October
(b) 10 November
(c) 24 April
(d) 22 May

Q51. Two trains of equal length travelling in opposite directions at 72 km/h and 108 km/h cross each other in 10 seconds. In how much time (in seconds) does the first train cross a platform of length 350 m?
(a) 30
(b) 32
(c) 36
(d) 24

Q52. If $x + y + z = 19, x^2 + y^2 + z^2 = 133$, then the value of $x^3 + y^3 + z^3 - 3xyz$ is:
(a) 361
(b) 342
(c) 380
(d) 352

Q53. If $8(x + y)^3 - (x - y)^3 =$
$(x + 3y)(Ax^2 + Bxy + Cy^2)$, then the value of $(A - B - C)$ is:
(a) -2
(b) -6
(c) 10
(d) 14

Q54. An article is sold for ₹x. If it is sold at $33\frac{1}{3}\%$ of this price, there is a loss of 20%. What is the percentage profit when it is sold for ₹x?
(a) 140
(b) 125
(c) 130
(d) 120

Q55. What is the simplified value of
$5 \div 10 \ of \ 10 \times 4 + 4 \div 4 \ of \ 4 \times 10 - (10 - 4) \div 16 \times 4 = ?$
(a) 1.2
(b) 2.5
(c) 21
(d) 58.5

Q56. In a class of 80 students, the ratio of the urban to the rural is 5:3. In a test, the average score of the rural students is 40% more than that of the urban students. If the average score of all the students is 69, then what is the average score of the rural students?
(a) 80
(b) 76
(c) 92
(d) 84

Q57. The compound interest on a certain sum for 3 years at 15% p.a., interest compound yearly, is ₹4167. What is the simple interest on the same sum in $4\frac{4}{5}$ years at the same rate?

(a) ₹6144
(b) ₹6000
(c) ₹4800
(d) ₹5760

Q58. The given Bar Graph presents Income and Expenditure (in crores)of a company for five years, 2014 to 2018.
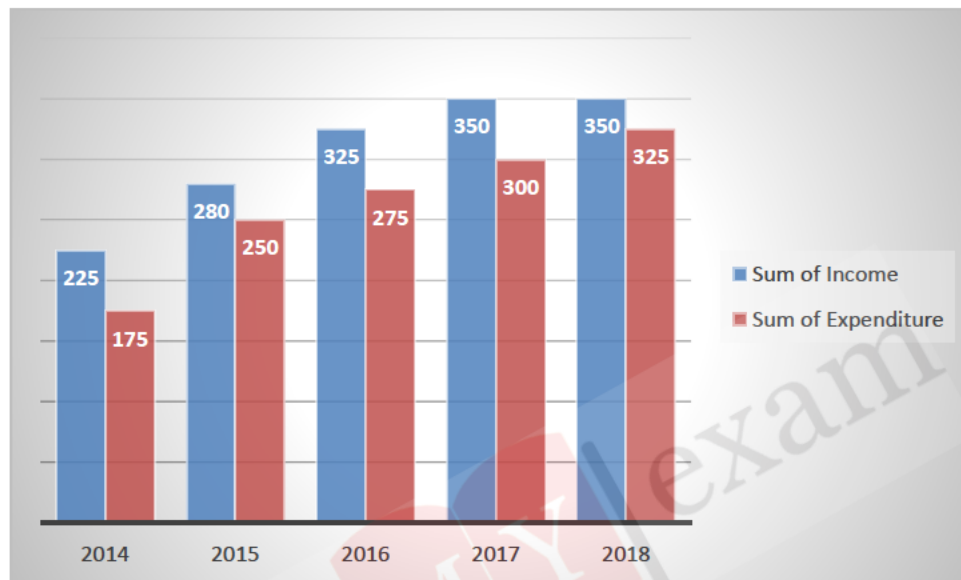
The average Income (per year) of the company in five years is what percentage more than its Expenditure in 2015?
(a) 24.2
(b) 20.8
(c) 24.6
(d) 22.4

Q59. In ΔABC, AD is the bisector of ∠BAC, meeting BC at D. If AC=21 cm, BC=12 cm and the length of BD is 2 cm less than DC, then the length of side AB is:
(a) 14 cm
(b) 15 cm
(c) 18 cm
(d) 10 cm

Q60. The value of
$$\frac{4tan^2 30° + \frac{1}{4} sin^2 90° + \frac{1}{8} cot^2 60° + sin^2 30° \; cos^2 45°}{sin60° \; cos30° - cos60° \; sin30°} \text{ is:}$$

(a) $1\frac{3}{4}$
(b) 4
(c) $2\frac{1}{2}$
(d) $3\frac{1}{2}$

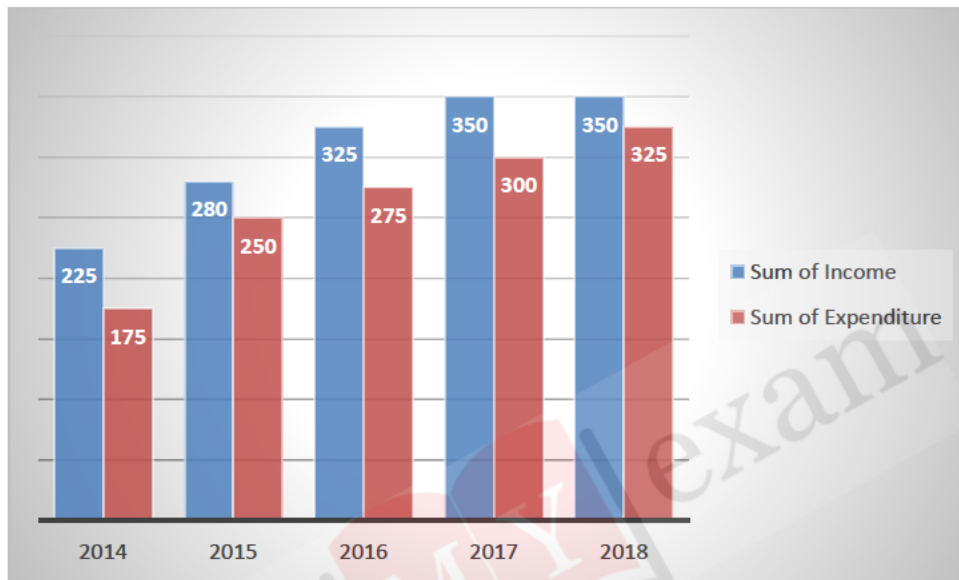**Q61.** If $\left(\dfrac{1}{1+cosec\theta} - \dfrac{1}{1-cosec\theta}\right) cos\theta = 2, 0° < \theta < 90°,$ *then the value of* $sin^2\theta + cot^2\theta + sec^2\theta$ is:
(a) 1
(b) $2\dfrac{1}{2}$
(c) $3\dfrac{1}{2}$
(d) 2

Q62. The given Bar Graph presents Income and Expenditure (in crores of Rupees) of a company for the five years, 2014 to 2018

The total Income of the company in 2015, 2017 and 2018 is approximately what percent less than the total Expenditure in the five years?
(a) 26
(b) 22
(c) 24
(d) 21

Q63. In a ΔABC, D and E are two points on side AB and BC, respectively such that AD: DB= 2:3 and DE ‖ AC. If the area of ΔADE is equal to 18 cm², then what is the area (in cm²) of ΔABC?
(a) 40.5
(b) 75
(c) 54
(d) 45

Q64. If a 10-digit number 46789x531y is divisible by 72, then the value of $(2x + 5y)$, for the largest value of x is:
(a) 28
(b) 16
(c) 10
(d) 38

Q65. The given Bar Graph presents Income and Expenditure (in crores of Rupees) of a company for the five years, 2014 to 2018.
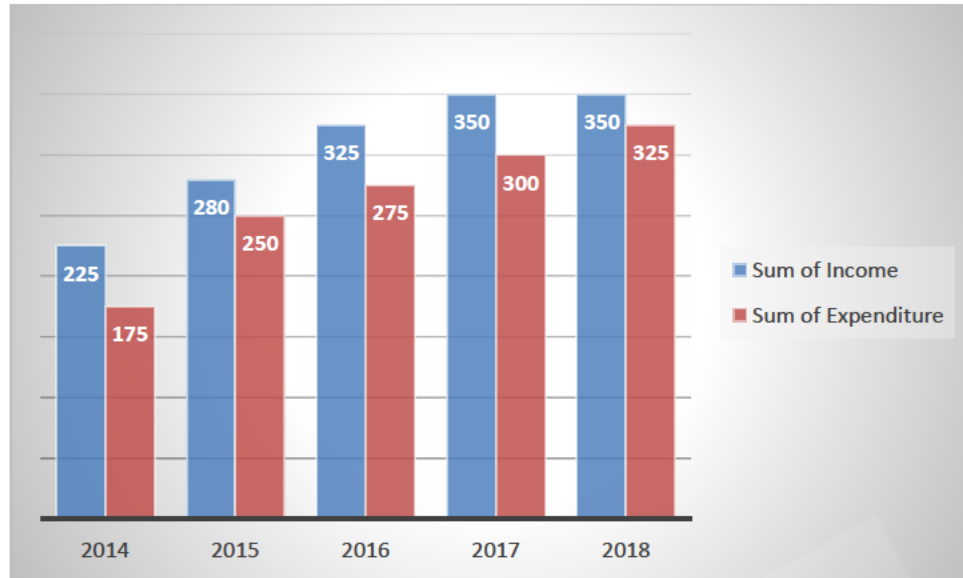
In which years is the Expenditure more than 40% as compared to the Expenditure in the previous year?

(a) 2016

(b) 2015

(c) 2018

(d) 2017

Q66. A man gets a discount of 30%, and then 20% on his food bill of ₹1250. How much amount does he has to pay?

(a) ₹700

(b) ₹550

(c) ₹350

(d) ₹500

Q67. 18 men can complete a work in 9 days. After they have worked for 5 days, 6 more men join them. How many days will they take to complete the remaining work?

(a) 3

(b) $2\frac{1}{2}$

(c) 2

(d) $3\frac{1}{2}$

Q68. The given Bar Graph presents Income and Expenditure (in crores of Rupees) of a company for the five years, 2014 to 2018.
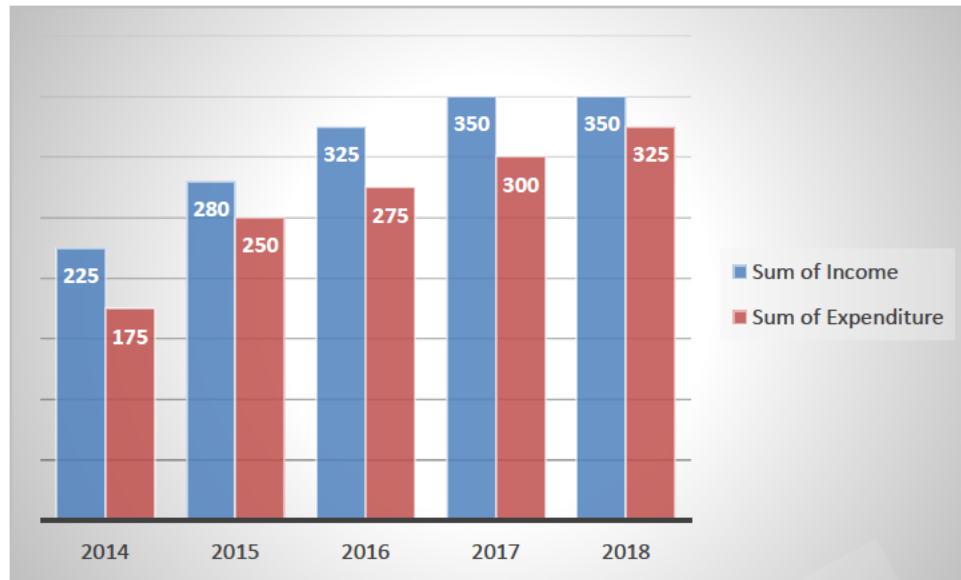

What is the ratio of total Expenditure to total Income of the company in 2014, 2016 and 2017?
(a) 13:18
(b) 3:4
(c) 15:16
(d) 5:6

Q69. An article sold for ₹360 after allowing discount of 20% on its marked price. Had the discount not been allowed, the profit would have been 50%. The cost price of the article is:
(a) ₹320
(b) ₹300
(c) ₹360
(d) ₹350

Q70. In a circle with center O, a diameter AB and a chord CD intersect each other at E, AC and AD are joined. If ∠BOC=48° and ∠AOD=100°, then what is the measure of ∠CEB?
(a) 72°
(b) 74°
(c) 78°
(d) 82°

Q71. If tan $x = $ cot $(60° + 6x)$, then what is the value of x?
(a) 10°
(b) $\frac{30°}{7}$
(c) $\frac{15°}{2}$
(d) 12°

Q72. If $9a^2 + 16b^2 + c^2 + 25 = 24$
$(a + b)$, then the value of $(3a + 4b + 5c)$ is:
(a) 9
(b) 6
(c) 7
(d) 10

Q73. The length of a rectangular park is 20 m more than its breadth. If the cost of fencing the park at ₹53 per metre is ₹21200, the what is the area (in m^2) of the park?
(a) 9504
(b) 8925
(c) 9240
(d) 9900

Q74. Let $\Delta ABC \sim \Delta QPR$ and $\frac{ar(\Delta ABC)}{ar(\Delta PQR)} = \frac{9}{4}$. If AB=12 cm, BC=6 cm and AC=9 cm, then QR is equal to:
(a) 15 cm
(b) 9 cm
(c) 6 cm
(d) 12 cm

Q75. The price of an article increased by 20% every year. If the difference between the prices at the end of third and fourth years is ₹259.20, then 40% of the price (in ₹) at the end of the second year is:
(a) 484
(b) 432
(c) 384
(d) 472

Q76. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.
The civil bodies in the capital have formed teams to crack down on coaching centres found violated a law.
(a) found to violated a law
(b) No improvement
(c) finding to violate the law
(d) found violating the law

Q77. Select the most appropriate meaning of the given idiom.
Going over one's head
(a) unable to take a decision
(b) beyond one's capacity to understand
(c) unable to function as one used to
(d) something one didn't expect

Q78. Given below are four jumbled sentences. Out of the given option pick the one that gives their correct order.

A.   The subject taught in the Gurukul varied from Sanskrit to Mathematics.

B.   Indian education has its roots in the ancient ages.

C.   However this system changed when the British came to India.

D.   In those days the Gurukul system was followed.

(a) DCAB

(b) BCAD

(c) CBAD

(d) BDAC

Q79. Select the word which means the same as the group of words given.

An instrument used for measuring atmospheric pressure

(a) thermometer

(b) voltmeter

(c) altimeter

(d) barometer

Q80. Select the most appropriate word to fill in the blank.

In view of his transfer to a far off place, he had to ____ his promotion.

(a) resign

(b) claim

(c) assert

(d) forgo

Q81. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

The Urban Art Commission has suggested that the landscape <u>be developing by</u> adding water fountains around the sculpture.

(a) be developed with

(b) to be developed by

(c) No improvement

(d) be developed by

Q82. In the sentence identify the segment which contains the grammatical error.

Mrs. Sangeeta Malik is one of the favorite teacher of most children in our school.

(a) Mrs. Sangeeta Malik is

(b) of most children

(c) one of the favorite teacher

(d) in our school

Q83. Select the most appropriate word to fill in the blank.

The prisoner held up his fist in a defiant ____ as he was led out of the courtroom.

(a) wave

(b) gesture

(c) salute

(d) token

Q84. Select the correct passive form of the given sentence.

The new gardener looks after the plants well.

(a) The plants looked after well by the new gardener.

(b) The plants were looked after well by the new gardener.

(c) The plants are looked after well by the new gardener.

(d) The new gardener is looked after well by the plants.

Q85. In the sentence identify the segment which contains the grammatical error.

I expect to return from Singapore during about a week's time.

(a) I expect to return

(b) during about

(c) a week's time

(d) from Singapore

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Every morning, nine-year old Khushi becomes guardian to her five-year old sister Ankita as (1) ____ hold hands and cross the railway tracks to (2) ___ the school. The sisters leave home (3) ___ 7 am with school bags larger (4)___ their torsos. The 2 km route they walk on foot to reach school (5) ___ includes walking past a railway crossing and through the lanes of an industrial area used by mini trucks and carrier vehicles.

Q86. Select the most appropriate option for blank No. 1.

(a) them

(b) she

(c) they

(d) we

Q87. Select the most appropriate option for blank No. 2.

(a) reach

(b) arrive

(c) go

(d) come

Q88. Select the most appropriate option for blank No. 3.
(a) at
(b) on
(c) from
(d) in

Q89. Select the most appropriate option for blank No. 4.
(a) than
(b) to
(c) with
(d) from

Q90. Select the most appropriate option for blank No. 5.
(a) hardly
(b) daily
(c) widely
(d) evenly

Q91. Select the wrongly spelt word.
(a) nerve
(b) neglect
(c) negative
(d) nerveous

Q92. Select the most appropriate synonym of the given word.
THWART
(a) impede
(b) aid
(c) support
(d) face

Q93. Select the correct indirect form of the given sentence.
Father said to me, "Are you going to keep me waiting all night?"
(a) Father asked me if you were going to keep him waiting all night.
(b) Father told me that you are going to keep him waiting all night.
(c) Father asked me are you going to keep me waiting all night.
(d) Father asked me if I was going to keep him waiting all night.

Q94. Select the word which means the same as the group of words given.
The study of human history and prehistory through the excavation of sites
(a) archaeology
(b) psephology
(c) anthropology
(d) geology

Q95. Select the most appropriate antonym of the given word.
INSTANT
(a) immediate
(b) current
(c) quick
(d) delayed

Q96. Select the most appropriate synonym of the given word.
HANDY
(a) hard
(b) convenient
(c) useless
(d) clumsy

Q97. Select the wrongly spelt word.
(a) reproduce
(b) reverse
(c) require
(d) resembel

Q98. Select the most appropriate antonym of the given word.
Reserved
(a) placid
(b) communicative
(c) quite
(d) modest

Q99. Given below are four jumbled sentences. Out of the given option pick the one that gives their correct order.
A.   At this speed the rocket soon attained the height of 190 miles above the earth.
B.   At 9 am the great rocket lifted in the air with a mighty roar.
C.   It rose smoothly at first, then quickened to a speed of 17,500 miles an hour.
D.   Gagarin now pulled himself towards the window to look down.
(a) ADBC
(b) CBAD
(c) BCAD
(d) BADC

Q100. Select the most appropriate meaning of the given idiom.
Mad as a hatter
(a) superstitious
(b) very upset
(c) eccentric
(d) old fashioned