



**G.C.E. A/L Examination March - 2020**  
**Conducted by Field Work Centre, Thondaimanaru**  
**In Collaboration with**  
**Provincial Department of Education, Northern Province.**

**General Knowledge**

**Time :- 2.00 Hours**

**Attentions :**

**From the questions 1 to 60, choose the correct one and mark on the answers given (1), (2), (3), (4), (5) by putting (x).**

01. South Asian sports meet was conducted from 1<sup>st</sup> of December 2019 to 10<sup>th</sup> of December. Which is the wrong statement in the following details.
- 1) It is the 13<sup>th</sup> South Asian sports.
  - 2) Those Competitions were conducted in Katmanda and Pakhara.
  - 3) Eight Countries were participated.
  - 4) Sri Lanka won 3<sup>rd</sup> place in this event.
  - 5) Sri Lanka won 40 Gold models.
02. Mrs. World which was held for married beautiful ladies. Mrs. Caroline Jarie was elected in this competition. Where was it held?
- 1) England
  - 2) France
  - 3) China
  - 4) America
  - 5) Canada.
03. Anti corruption day projection in Sri Lanka has been planned to conduct in 2019 – 2023 in Sri Lanka. When is the day of anti corruption day.
- 1) October 31
  - 2) December 9
  - 3) December 31
  - 4) January 9
  - 5) June 26
04. In the present Days, young age and old age Prime Ministers rule the countries in the world. Those countries are ?
- 1) Newzeeland, America
  - 2) Newzeeland, Malaysia
  - 3) Finland, India
  - 4) Finland, India
  - 5) Finland, Malaysia.
05. When awarding the Nobel Prize for the year 2019, Abijith banarji and his wife Esdhar Duppto have worn Saree and vesdi and got their Prize. In which field, they got this prize.
- 1) Medicine
  - 2) Economics
  - 3) Physics
  - 4) Peace
  - 5) Literature.
06. In Sri Lanka, In which year were the affected person by Dengue increased in 2019 which was consider the last 10 years.
- 1) 2012
  - 2) 2014
  - 3) 2016
  - 4) 2017
  - 5) 2019
07. Which country has banned to hit the ball by their heads for the children. What is the country.
- 1) England
  - 2) Finland
  - 3) Scotland
  - 4) Russia
  - 5) Germany

08. Australian Government has ordered to shoot some wild animals due to the heavy drought. What is the animal?

- 1) Kangaroo      2) Camel      3) Kivi      4) Cows      5) bears.

09. International Cricket committee has informed the “Cricket award” for the year of 2019. Thus, who had got the award for player of the year in 2019.

- 1) Ben stokes      2) Viratkoli      3) Rohitsarma  
4) Marnus Labusakan      5) Richard illingworth

10. Summit conference regarding the climatic change (Cop 25) was held in 2019. Where was it held?

- 1) Paris      2) Madrid      3) London  
4) Kyoto      5) Buenos Aires

11. The length of hall A is 6 times the length of hall B and the width of hall A is half of the width of hall B compared with the area of hall B, the area of the hall A is.

- 1) Two times.      2) Three times.      3) Four times.  
4) Six times      5) half times.

12. In a cell population half of population die and each cell of he half divides into 4 cells every 5 minutes. After 20 minutes the cell population compared with the initial population is

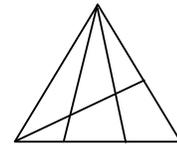
- 1) two times      2) four times      3) Six times      4) eight times      5) Sixteen times

13. Given that  $\square\square = \circ\circ\circ\circ\circ$  and  $\circ\circ\circ = \triangle\triangle\triangle$  then  $\square\square\square$  is equivalent to how many  $\triangle$  s?

- 1) 2      2) 3      3) 6      4) 9      5) 12

14. how many triangles are there in the diagram shown below?

- 1) 5      2) 9      3) 10      4) 12      5) 15



15. In the Octagon shape ABCDEFGH each vertex is Joined by straight lines to every other vertex. For instance the vertex A is joined to the vertices BCDEFG and H and gives 7 straight lines. The total number of lines so formed is

- 1) 64      2) 56      3) 49      4) 32      5) 28

❖ Question from No. 16 to 18 are based on arriving at a logical conclusion. Here, at the beginning of each question two statements are given. Accordingly, two probable conclusions that may be arrived at based on the statements are given. Although the conclusions may look absurd yet if they could be arrived at logically. Accordingly arrive at one of the following conclusions and select the number of the choice including that answer.

- A. Only conclusion 1 is true  
B. Only conclusion 2 is true.  
C. Either conclusion 1 or 2 are true.  
D. Both conclusion 1 and 2 are false.  
E. Both conclusion 1 and 2 are true.

16. Statement I : All horses are dogs  
 II : All dogs are mice.  
 Conclusion 1 : All horses should be mice.  
 2 : All mice should be dogs.  
 The true inference is  
 1) A                      2) B                      3) C                      4) D                      5) E

17. Statement I : No coin is a Rupee.  
 II : The silver disc is a coin  
 Conclusion 1 : The silver disc is not a Rupee.  
 2 : The silver disc may be a Rupee.  
 The true inference is  
 1) A                      2) B                      3) C                      4) D                      5) E

18. Statement I : All fathers are sons.  
 II : No son is a learned.  
 Conclusion 1 : Some fathers are learned  
 2 : Sons who are not fathers are learned.  
 The true inference is  
 1) A                      2) B                      3) C                      4) D                      5) E

❖ Question 19 -21 are based on the following Incomplete magic square each row, column and main diagonal adds up to the same value. Using numbers 4,5,6,7,8,9,10,11 and 12.

A	B	C
D	8	E
F	G	H

19. What is the total value of 1<sup>st</sup> row?  
 1) 15                      2) 21                      3) 24                      4) 30                      5) 56
20. If value of A is 5 then value of F is  
 1) 7                      2) 9                      3) 10                      4) 7/9                      5) 12
21. If A is 9 and G = 12 the value of E is  
 1) 5                      2) 6                      3) 10                      4) 11                      5) 12

❖ For each question from N 22 to 26, find the choice having the correct answer.

22. A second Article, twice the price of the first one is bought with four times the discount gives to the former. If the discount rate for the first article was 10%, what is the discount rate for the second?  
 1) 5%                      2) 10%                      3) 20 %                      4) 40 |%                      5) 50 %
23. Rajee found that when she was trying to place all the 1000 rupee notes. She had to her pane placing one in each of the envelopes she was short of one envelope. There after she tried to place two notes in each envelope and found that she was left with one envelope. Find the amount of money that Rajee had in her purse in 1000 rupees notes and the number of envelopes she had at the beginning respectively?  
 1) 3, 4                      2)4, 3                      3) 3,4000                      4) 4000, 3                      5) 5,4000

24. Two clocks A and B running at uniform speed, yet defective were set to read 12.00 at a particular instant and made to run simultaneously. When for the first time A read 1.00, B read for the first time 1.15, When B was showing 2.00 o'clock for the first time what was the time shown in clock A?  
1) 1.36                      2) 1.48                      3) 2.12                      4) 2.24                      5) 2.30
25. It was needed to paste stamp to the value of Rs. 10 in a certain documents. If this was to be done using only the stamps of Rs. 1, Rs. 2, Rs. 5 and Rs. 10, in how many ways can stamps be selected?  
1) 8                              2) 9                              3) 10                              4) 11                              5) 15
26. The only elder sister of a person is Kamala. The only younger sister is Geetha. The only younger brother is Raju. The only elder brother is Siripala. Geetha who is the younger sister of four of them always used to tell lies. She says that she has three brothers and one sister. According to this information which of the following statements is true?  
1) Siripala has an equal number of brothers and sisters.  
2) Kamala has two younger sisters.  
3) Raju has two older brothers.  
4) The number of sister Geetha has, it is.

❖ Question from No 27 to 29 are based on the following information.

**Out of Seven employees numbered from 1 to 7, only numbers 2,4 and 6 are ladies. The number in which a certain job of work has been assigned to them to be performed on five days of a week is given below.**

- ◆ Work should be commenced on Monday and completed on Friday. Three employees should be assigned on each day.
- ◆ Number 1 should not work as Monday but number 2 has to work on Monday.
- ◆ Everybody gets a day off after the day he / she works.
- ◆ Only number 3 should work on 3 days and each of all the others should work only on 2 days.
- ◆ On Wednesday, of the ladies, Only number 2 and 4 should work and on all other days only one lady should work.
- ◆ Number 6 and 7 should always work together.
- ◆ Only two persons should be given the opportunity to work on the first day and the last day.

**Accordingly, Select the number of the choice that contains the correct answer for each of the following questions.**

27. What are the two days that number 3 should not work?  
1) Monday, Wednesday                      2) Tuesday, Thursday                      3) Tuesday, Friday  
4) Thursday, Friday                              5) Monday, Friday
28. Which of the following days should by a day that number 4 should work?  
1) Monday                      2) Tuesday                      3) Thursday                      4) Friday                      5) Wednesday
29. What are the two days the number 6 should work?  
1) Tuesday, Thursday                      2) Tuesday, Friday                              3) Monday, Wednesday  
4) Wednesday, Friday                              5) Wednesday, Thursday

❖ Questions from No 30 to No 32 are based on the information given using numerical codes given for six words in English according to a coding system and not in the same order as in the words.

**FILLER – 942527**

**FACT – 6304**

**LATTICE – 2936530**

**FAILURE – 5924786**

**ISLE – 5129**

According to this information select the correct answer for each question.

30. In which of the following has the correct code in correct order for each letter of the English word CARICATURE?

- 1) 0675063879      2) 7903687270      3) 7906387279      4) 1378038729      5) none of these

31. In which of the following has the correct code in correct order for each letter of the English word STRUCTURE?

- 1) 387287310      2) 037813278      3) 137803879      4) 275609871      5) none of these

32. What is the correct coding of the word CREATE?

- 1) 079639      2) 623027      3) 751236      4) 823720      5) none of these

❖ An employee spent the money he received, from Monday to Friday only on transport, Stationery and food Information as regards them are recorded econcously in the table below. There are only four values that are erroneous and these places could be identified based on the facts shown after the table.

Day	Monday Received Rs.	Transport Cost Rs.	Stationery Cost Rs.	Cost of Food Rs.	Total Expenditure Rs.	Balance from the Received Rs.
Monday	1000	250	200	350	800	300
Tuesday	1200	350	250	400	1000	200
Wednesday	1000	250	150	400	800	300
Thursday	1500	400	200	450	1050	450
Friday	1300	350	250	350	850	450
<b>Total</b>	<b>6100</b>	<b>1600</b>	<b>950</b>	<b>1950</b>	<b>4500</b>	<b>1700</b>

In the table,

- ◆ Only one value related to Wednesday is incorrect.
- ◆ Only one Rs. 1000 mentioned in the column ‘Money Received’ has to be corrected.
- ◆ On Monday “Total Expenditure” and the “Balance ” are correct.
- ◆ Only one value in the column “Stationery Cost” and only one value is the row “Total” are incorrect.

Accordingly, write the number of the choice that contains the correct answer for each of the following questions.

33. In which column is an incorrect value mentioned in solution to Wednesday?

- 1) Money Received      2) Transport Cost      3) Total Expenditure  
4) Balance from the Money Received.      5) Stationery

34. What is the error in the column “Money received”?

- 1) Total recorded as Rs. 6100  
2) Money received on Monday not recorded as Rs. 900  
3) Money received on Monday not recorded as Rs. 1100  
4) Money received on Wednesday not recorded as Rs. 1100.  
5) None of these

35. In which column is an Incorrect value mentioned in solution to Wednesday?

- 1) Amending the amount related to Monday as Rs. 100
- 2) Amending the amount related to Wednesday as Rs. 50
- 3) Amending the amount related to Friday as Rs. 150
- 4) Amending the amount mentioned in the row "Total" as Rs. 1050
- 5) not conform above datas.

❖ **Question 36 and 37 are based on the following information.**

**A mobile phone company charges outgoing calls in the following manner.**

- ◆ Rs. 5 for the first minute.
- ◆ Rs. 4 for the Second minute.
- ◆ Rs. 3 for the third minute.
- ◆ Rs. 2 for each minute above the third minute.

The duration of each call is registered in minutes.

36. The amount charged for a 8 – minute call is

- 1) Rs. 20                      2) Rs. 21                      3) Rs. 22                      4) Rs. 23                      5) Rs. 24

37. The maximum amount a person could have been charged for two calls of the total duration of 5 minutes is

- 1) Rs. 18                      2) Rs. 19                      3) Rs. 20                      4) Rs. 21                      5) Rs. 22

38. What is the maximum number of squares with the length of each side of 10 cm that can be inscribed in a right – angled isosceles triangle with each of the equal sides being 100 cm long?

- 1) 50                      2) 48                      3) 47                      4) 45                      5) 42

39. Aruna's average mark for 8 subject is 70. If he obtained 84 marks for one subject, What is the average mark for the remaining 7 subject

- 1) 58                      2) 68                      3) 70                      4) 72                      5) 84

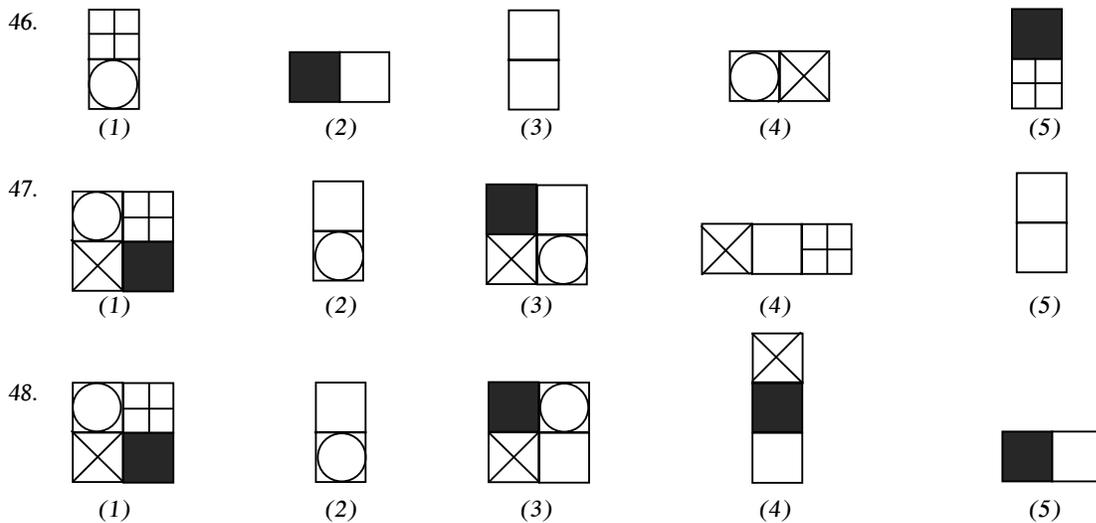
40. A train travelling at an average speed of  $40 \text{ km h}^{-1}$  leaves station A at 7.00 a.m. to go the next station B, which is 30 km from station A. If the next train from A to B at an average speed of  $50 \text{ km h}^{-1}$ , at what time should it leave A to reach B, 5 minutes after the arrival of the earlier train to B?

- 1) 7.14 a.m                      2) 7.15 a.m                      3) 7.16 a.m                      4) 7.18 a.m                      5) 7.20 a.m

41. A van is loaded with two types of boxes. The total mass of the boxes is 1000 kg. The mass of each box of type one is 7 kg and type two is 8 kg. Kanchana Knows that there are more than 140 of type one boxes in the van. How many boxes of type two are in the van?

- 1) 3                      2) 4                      3) 5                      4) 6                      5) 7





❖ In each of the questions 49 and 50. short passages each with three statements are given. In only one of the passages the three statements can be rearranged in order to show a logical relationship. Select the passage which contains the statements that can be rearranged to show a logical relationship.

49. 1. Ajith Perera is a National level cricket coach. Mr. Perera's son is the school captain for basket ball and daughter is the caption for netball. Father's talent is shown in the children as well.  
 2. Cement is made in Sri Lanka and imported as well. Limestone is the main raw material for manufacturing cement. Limestone is naturally available in Sri Lanka.  
 3. Coconut is a food crop in Sri Lanka. Coconut is grown in home as well as in large estates. Majority of the coconut estates are in Puttalam, Kurunegala and Gampaha Districts.  
 4. In paper manufacture, watery pulp made out of plant raw materials is first trated to remove the gummy substances. Following the removal of water, the thick pulp is dried up. Pulp is bleached. Fillers added and compressed by rollers to remove water.  
 5. Fatal motor accidents take place in Sri Lanka at a rate of 4 deaths per day. Speed kills, Deadly motor accidents are mainly due to sleepiness while driving.
50. 1. English Language is currently taught as a subject at Government school from grade three onwards. Writing suitable textbooks for grade 1 and 2 and teacher training are initiated. The Ministry of Education is taking steps to promote Activity Based oral English as a subject for grade 1 and 2 in future.  
 2. Government is encouraging cattle breeding. A cow yields up to 20 liters of milk per day. Milk is a complete food.  
 3. A Mobile phone is not only a calling device but a component of networking system as well. Wristlet is not only a time keeper but an ornament as well. Gold jewellery is not only an attractive ornament but an investment as well.  
 4. Most flowers bloom in the morning. White flowers bloom both in the night and morning. Flowers which bloom in he night are fragrant.  
 5. The Meteorology Department predicts rain within next 48 hours. Fishermen are advised not to go for deep sea fishing as heavy wind, lightning and thunder will be associated with heavy rain. Inland fishermen and people engaged in prawn framing are not concerned about weather forecast warnings.