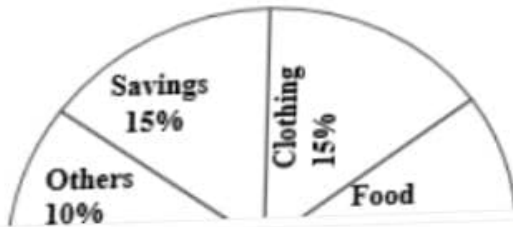


If X and Y are replaced with 7 and 5 respectively, determine the new mean of the distribution.



If the total income of the family was N200,000.00, how much was spent on food?

- [A]  N50,000.00
- [B]  N46,000.00
- [C]  N65,000.00
- [D]  N55,000.00
- [E]  N68,000.00

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# SPDC NUMERICAL ASSESSMENT 2020

🕒 00:18:43

Question 1 of 20

Scores	Frequency
1	13
2	15
3	13
4	17
5	15
6	21
7	15
8	16
9	13
10	12

What is the modal score?

- [A]  6
- [B]  10
- [C]  17
- [D]  8
- [E]  21

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# SPDC NUMERICAL ASSESSMENT 2020

⌚ 00:16:53

Question 7 of 20

In a hostel complex,  $\frac{3}{16}$  of the students use gas to cook,  $\frac{3}{8}$  use kerosene, the remaining 56 do not cook at all. How many of the students use gas?

- [A]  72
- [B]  48
- [C]  80
- [D]  128
- [E]  24

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

## SPDC VERBAL ASSESSMENT 2020

🕒 00:12:20

Question 16 of 20

A glance at the present day society and there will be no doubt that poverty is a great challenge to the poor reading culture in Nigeria. In a country where about 70 percent of the population lives with less than one dollar per day, it automatically means that a larger proportion of the population cannot afford the basic educational foundation that will enable them read and write. Such people are more interested in what to eat rather than seeking materials to read and get knowledge.

A good learning environment calls for quiet study centre. Most of our schools are associated with noisy environment and full of distractions that are hindrances to the smooth flow of learning and reading to understand. In the past, schools/learning centers were built in isolated places or better still, they were built in the outskirts of the town, which are usually serene. But the reverse is the case today as schools are mostly found in the Central Business Districts (CBDs) of

The main idea in paragraph two is

- [A]  Merits of reading and the degenerating culture.
- [B]  Creativity, skills acquisition and strategic planning.
- [C]  The importance of education.
- [D]  A manifestation of the experiences of a writer.
- [E]  Factors affecting reading culture in our society.

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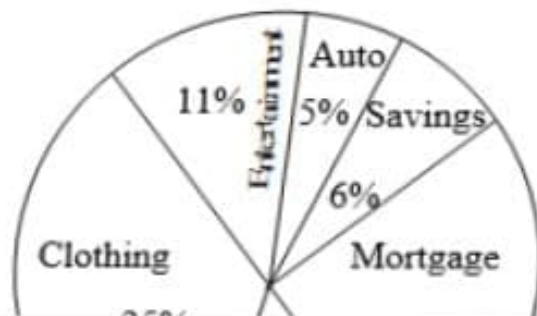
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# SPDC NUMERICAL ASSESSMENT 2020

Question 4 of 20

00:17:54

Study the charts below and use it to answer the question.



Calculate the total percentage of savings in both years.

- [A]  20
- [B]  21
- [C]  11
- [D]  50
- [E]  40

# SPDC NUMERICAL ASSESSMENT 2020

🕒 00:15:27

Question 14 of 20

A basket contains 6 blue and 10 red identical balls. Two balls are drawn at random without replacement. What is the probability that the two balls are of the same colour?

- [A]  1/8
- [B]  2/3
- [C]  3/8
- [D]  1/2
- [E]  3/64

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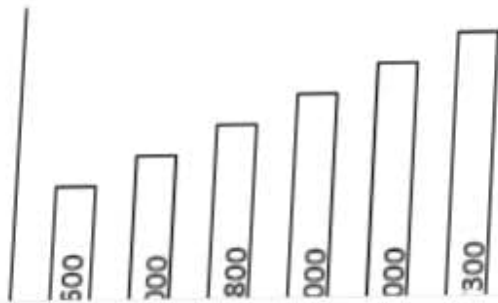
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

# SPDC NUMERICAL ASSESSMENT 2020

00:16:00

Question 13 of 20

The bar chart below shows the savings of a girl (in naira) for some months in the year 2015



By how much is the savings in July less than that of September?

- [A]  N1,500.00
- [B]  N1,100.00
- [C]  N1,200.00
- [D]  N1,400.00
- [E]  N1,300.00

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factor for success. Being born with a silver spoon in one's mouth ensures that one is well nourished and has good medical care, good education and the necessary capital.

A family where the parents are well educated, have lucrative professions and are near the corridors of power, endows a child with a bright future in business, law, medicine, politics, etc. However, crucial as this factors sounds, it only influences other factor. For instance, a seasoned statesman's son may appear intelligent only because the atmosphere around him has tamed diseases, introduced him to early life education and given him a figure to imitate.

Yet, there remains one factor that is difficult to explain. Have you watched most successful politicians and businessmen? Invariably, most of them are taller than the average men in their time. How do we explain? I really don't know.

According to the passage which of these propels a man to succeed?

- [A]  favourable climate
- [B]  economic climate
- [C]  man's determination
- [D]  man's height
- [E]  social interaction

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20





A man is doomed the moment he nurses a secret belief that he cannot make it. And, of course, there is a crucial need for planning. Careful, intelligent and vigorous stock taking is decisive. Success is never accidental. Never! Rather, it comes from being able to study the situation, weigh one's chances and take advantage. Business seriously needs this, which explains why the great millionaires of this world are among the most intelligent humans. Or, at least, they have the wherewithal to employ the greatest brains to plan their strategies in the economic battles.

I guess you will stress that some are born lucky, born affluent, with success showered on them. Truly, this is one more factor for success. Being born with a silver spoon in one's mouth ensures that one is well nourished and has good medical care, good education and the necessary capital.

According to the passage which of these propels a man to succeed?

- [A]  favourable climate
- [B]  economic climate
- [C]  man's determination
- [D]  man's height
- [E]  social interaction

The average age of 11 players in a football club is 10 years, 4 new players were added to the team and the new average is 11 years. What is the average age of the 4 new players?

- [A]  11.6
- [B]  12.5
- [C]  16.3
- [D]  15.6
- [E]  13.8

# SPDC NUMERICAL ASSESSMENT 2020

⌚ 00:15:15

Question 16 of 20

In a class of 30 students, the ratio of male to female students is 2:3. How many female students should be removed from the class in order to have a ratio of 3:4?

- [A]  5
- [B]  3
- [C]  4
- [D]  2
- [E]  6

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Scores	Frequency
1	13
2	15
3	13
4	17
5	15
6	21
7	15
8	16
9	13
10	12

How many students took the test?

- [A]  500
- [B]  100
- [C]  150
- [D]  115
- [E]  50

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# SPDC NUMERICAL ASSESSMENT 2020

00:18:50

Question 1 of 20

The table below shows the scores obtained by undergraduate students in a Mathematics test.

Scores	Frequency
1	13
2	15
3	13
4	17
5	15
6	21

What is the modal score?

- [A]  6
- [B]  10
- [C]  17
- [D]  8
- [E]  21

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## SPDC VERBAL ASSESSMENT 2020

Question 16 of 20

⌚ 00:12:10

schools/learning centers were built in isolated places or better still, they were built in the outskirts of the town, which are usually serene. But the reverse is the case today as schools are mostly found in the Central Business Districts (CBDs) of towns and cities. This is occasioned by the fact that school owners see the institution more as a business venture, hence the location in the CBD where it can be accessed easily.

The poor reading culture can also be attributed to the high level of illiteracy in our society, which conforms to the recent report by the United Nations Educational, Scientific and Cultural Organisation (UNESCO), that there are 62 million illiterates in our beloved country... This statistics actually underscores the level of illiteracy in the country. It is no gain saying that the many years of neglect of our educational institutions, especially adult literacy education have come to hunt us in the face at a time the world is becoming a global village. This is therefore a clarion call to the federal and states' ministries of Education to declare state of emergency in the education sector.

The main idea in paragraph two is

- [A]  Merits of reading and the degenerating culture.
- [B]  Creativity, skills acquisition and strategic planning.
- [C]  The importance of education.
- [D]  A manifestation of the experiences of a writer.
- [E]  Factors affecting reading culture in our society.

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Children, who learn to read slowly, fall into two main types. First there are children with limited language skills, and second there are children whose visual analysis of complex shapes is poorly developed. Cases of the first type may be slow to acquire speech and although spoken language difficulties may appear to be overcome before school age, there can be residual effects which are not obvious, like poor auditory discrimination of sounds, words and sentence structure. In learning to read, these children have particular difficulties in breaking up language into its parts or in synthesizing separate sounds into whole words, and sometimes they have difficulties with comprehension. Such children have usually not mastered many of the sentence structures used in English, and therefore are unable to anticipate what may happen next in the sentences of their reading text. It is, of course, not surprising that children with retarded language should have difficulty with reading. Reading is, after all, a language activity.

The rhetorical questions in the first paragraph of the passage are

- [A]  narrative
- [B]  argumentative
- [C]  persuasive.
- [D]  descriptive
- [E]  speculative

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Some people tend to make it in the face of harsh odds; others tend to be doomed to fail even in the most favourable conditions. Indeed, the inclement social and economic conditions seem to have carved out the exact favourable conditions necessary for success for some. Yet, during our years of boom, some seemed to have been condemned to the abyss of penury. Why are there some yet unproven natural laws which govern man's propensity for success? Probably yes, for success seems to come as a result of the interplay of some factors inherent in man's nature. First, there is man's will to succeed. I mean man's rugged determination to scale the rough heights. Those who keep afloat on the turbulent economic currents need this if they are not to sink. With such unbending zeal, such men ward off depression whenever they run into the rough weather which, after all, is an unavoidable experience of life. Consider Lincoln, for instance, because a man who failed in virtually all cases of life but whose iron will prevailed him to succeed.

From the expression "- - - most of them are taller than the average men - - -" who are referred to as 'them'?

- [A]  The poor.
- [B]  The leaders.
- [C]  Abraham Lincoln and Churchill.
- [D]  The successful.
- [E]  People born with silver spoon.



# SPDC NUMERICAL ASSESSMENT 2020

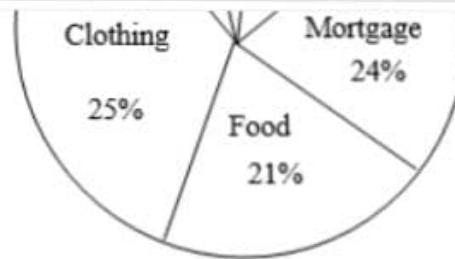
Question 4 of 20

00:17:29



2001

Total Income: ₦50,000



2002

Total Income: ₦75,000

Calculate the total percentage of savings in both years.

- [A]  20
- [B]  21
- [C]  11
- [D]  50
- [E]  40

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# SPDC NUMERICAL ASSESSMENT 2020

00:18:10

Question 3 of 20



If the total income of the family was N200,000.00, how much was spent on food?

- [A]  N50,000.00
- [B]  N46,000.00
- [C]  N65,000.00
- [D]  N55,000.00
- [E]  N68,000.00

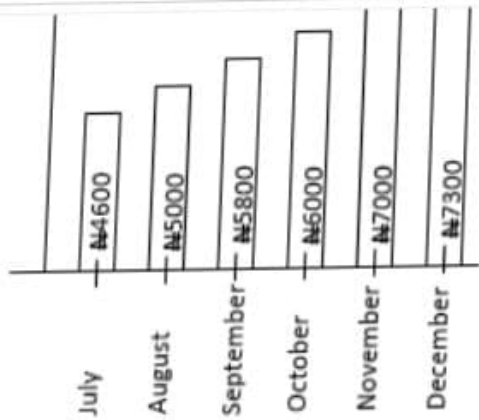
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# SPDC NUMERICAL ASSESSMENT 2020

⌚ 00:15:45

Question 13 of 20



By how much is the savings in July less than that of September?

- [A]  N1,500.00
- [B]  N1,100.00
- [C]  N1,200.00
- [D]  N1,400.00
- [E]  N1,300.00

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thousands are shown below.

Company	1st day	2nd day	3rd day	4th day	5th day
PPP	20	30	40	50	60
QQQ	5	10	20	30	40
RRR	3	5	10	20	30
SSS	2	5	-	10	20
TTT	20	10	20	30	40

Which electronic companies sales volume in fifth day was approximately ten times its sales in first day?

- [A]  PPP and QQQ
- [B]  QQQ and RRR
- [C]  SSS and TTT
- [D]  QQQ and PPP
- [E]  RRR and SSS

and further behind. This kind of definition allows us to escape from having to state how far behind the child is. He does not have to be two years retarded to be a problem reader. He is simply a child whose rate of learning in this particular task is much slower than that of an average child of the same stage or level.

Children, who learn to read slowly, fall into two main types. First there are children with limited language skills, and second there are children whose visual analysis of complex shapes is poorly developed. Cases of the first type may be slow to acquire speech and although spoken language difficulties may appear to be overcome before school age, there can be residual effects which are not obvious, like poor auditory discrimination of sounds, words and sentence structure. In learning to read, these children have particular difficulties in breaking up language into its part or in synthesizing separate sounds into whole words, and sometimes they have difficulties with comprehension. Such

The rhetorical questions in the first paragraph of the passage are

- [A]  narrative
- [B]  argumentative
- [C]  persuasive.
- [D]  descriptive
- [E]  speculative

## SPDC VERBAL ASSESSMENT 2020

🕒 00:13:21

Question 6 of 20

I guess you will stress that some are born lucky, born affluent, with success showered on them. Truly, this is one more factor for success . Being born with a silver spoon in one's mouth ensures that one is well nourished and has good medical care, good education and the necessary capital.

A family where the parents are well educated, have lucrative professions and are near the corridors of power, endows a child with a bright future in business, law, medicine, politics, etc. However, crucial as this factors sounds, it only influences other factor. For instance, a seasoned statesman's son may appear intelligent only because the atmosphere around him has tamed diseases, introduced him to early life education and given him a figure to imitate. Yet, there remains one factor that is difficult to explain. Have you watched most successful politicians and businessmen? Invariably, most of them are taller than the average men in their time. How do we explain? I really don't

According to the passage which of these propels a man to succeed?

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- [B]  economic climate
- [C]  man's determination
- [D]  man's height
- [E]  social interaction

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## SPDC VERBAL ASSESSMENT 2020

⌚ 00:13:39

Question 6 of 20

afloat on the turbulent economic currents need this if they are not to sink. With such unbendable zeal, such men ward off depression whenever they run into the rough weather which, after all, is an unavailable experience of life. Consider Lincoln, for instance; here was a man who failed in virtually all areas of life but whose iron will propelled him to contest the highest position of the land, the presidency, which he won! So aptly has Churchill advised: "Never, never, never give in". Then think of sportsmen who win. They are men who invariably believe in themselves. Will power alone will not do; belief in oneself is vital to give one the wings to soar. This is why some patients die of minor ailments because they lose the confidence in their ability to make it. Watch the great boxer, those who wage psychological war on their opponents before the tournament often win. This is a factor of the mind.

A man is doomed the moment he nurses a secret belief that he cannot make it. And, of course, there is a crucial need for planning. Careful, intelligent and vigorous stock taking is decisive. Success is never accidental. Never! Rather, it

According to the passage which of these propels a man to succeed?

- [A]  favourable climate
- [B]  economic climate
- [C]  man's determination
- [D]  man's height
- [E]  social interaction

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# SPDC NUMERICAL ASSESSMENT 2020

⌚ 00:15:11

Question 17 of 20

A car travels 12 miles on half gallon of fuel. How many gallons will be used on a 216 miles trip?

- [A]  11
- [B]  7
- [C]  8
- [D]  10
- [E]  9

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# SPDC NUMERICAL ASSESSMENT 2020

🕒 00:15:20

Question 15 of 20

How many hours are there between 7:30am today and 12:30pm tomorrow?

- [A]  20 hours
- [B]  15 hours
- [C]  29 hours
- [D]  12 hours
- [E]  22 hours

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20