SAT Sample Test 01

Section 1 Verbal

Reading Comprehension

Passage 1:

Morally and culturally, American society, as reflected in our TV programs, our theatrical fare, our literature and art appears to have hit bottom. Gen. David Sarnoff felt prompted to issue a statement in defense of the TV industry. He pointed out that there was much good in its programs that was being overlooked while its occasional derelictions were being overly stressed. It struck me that what he was saying about TV applied to other aspects of American culture as well, particularly to the theatrical productions.

Without necessarily resting on his conviction that the good outweighed the bad in American Cultural activity, I saw further implications in Gen. Sarnoff's declaration. Audiences needed to be sensitized more and more to the positive qualities of the entertainment and cultural media. In addition, through such increased public sensitivity, producers would be encouraged to provide ever more of the fine, and less of the sordid.

Here is where questions arise. If the exemplary aspects of TV are not being recognized, what is the reason for such a lack of appreciation? Similarly, and further, if the theatre, including in this term the legitimate stage, on and off Broadway as well as the moving pictures, has large measures of goodness, truth and beauty which are unappreciated, how are we to change this situation?

All in all, what should be done to encourage and condone the good, and to discourage and condemn the unsavory in the American cultural pattern?

These are serious and pressing questions---serious for the survival of the American Way of Life, and pressing for immediate and adequate answers. Indeed the simple truth is that the face that America shows the world affects seriously the future of democracy all over the globe.

Since the theatre in its broadest sense is a large aspect of American culture _____ its expression as well as its creation_____1 saw the urgent importance of bringing the worthwhile elements in the American Theatre to the fore. Especially was this importance impressed on me when I realized how much Hollywood was involved in exporting American life to the world, and how much Broadway with all its theatres meant to the modern drams.

Then the thought of the Bible came to me in this connection. Was not the Bible the basis of Western civilization as far as morals are concerned ? Why not use the Bible as guide and touchstone, as direction and goal in the matter of the cultural achievements of Western society? Thus was born "The Bible on Broadway."

The birth of the idea accomplished, rearing it brought the usual difficulties of raising a child___ albeit in this case a "brain" one. There was first the fact that the Bible, although the world's best seller, is not the world's best read book. Second was the current impression that "message-plays" must necessarily be dull and unpopular. . . . .

Still, I was drawn to the project of a series of lectures on the Bible and the contemporary theatre. What If the Bible is not well known? Teach it! Plays with a message dull? All plays by reason of their being works of art have been created by their authors' selection and ordering of experience. As such, plays are proponents of ideas__ and certainly they are not meant to be uninteresting. . . . .

That there are spiritual, even religious ideas, in the contemporary theatre should be no cause for wonderment. It is well known that the drama had its origin in religion. The Greeks, the Romans, as well as the early Hebrews, all had forms of the drama which among the first two developed into our classical plays.

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In the Middle Ages, it was the Church in the Western World that produced the morality and mystery plays. With such a long history it is not surprising to find an affinity between the Bible and the theatre.

1.   The author is primarily concerned with

   A.   The declining pattern of morality in America

   B.   Promoting American theatre

   C.   The role of the Bible in the contemporary theatre

   D.   Comparing the theatre with other art forms

   E.   Preserving the "American Way of Life"

2.   With which of the following statements regarding the theatre would the author most likely agree?

   A.   The theatre does not reflect American culture.

   B.   Critics of American cultural life are biased.

   C.   While the entertainment media can be criticized, they contain much wholesome material.

   D.   The advertising media are largely to blame for criticisms leveled at the theatre.

   E.   The Bible should be used as our primary source of entertainment ideas.

3.   Which of the following statements best reflects the author's own ideas?

   A.   American art form have degenerated to a new low.

   B.   The good outweighs the bad in American cultural activity.

   C.   American culture has positive content, but it is not appreciated by the public.

   D.   Only the Biblical content of American the atre has positive meaning.

   E.   American theatre is currently dull and unpopular.

4.   The author implies that he will deal with which of the following questions?

   I)   What is the reason for the lack of appreciation of the theatre?
   II)   To what extent have Bible themes been used in or influenced American theatrical productions?
   III)   What should be done to encourage the good in American culture?

   A.   I only

   B.   II only

   C.   I and II only

   D.   I and III only

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E.   I, II, and III

5.   It can be inferred form the passage that the author's background might be in any of the following occupations except

   A.   Theatrical producer

   B.   Thespian

   C.   Humorist

   D.   Writer

   E.   Critic

6.   The author implies that, if the public is made aware of the positive qualities of American entertainment, it will

   I)   Demand more high-quality entertainment
   II)   Demand less low-quality entertainment
   III)   Attend the theatre more often

   A.   I only

   B.   II only

   C.   I and II only

   D.   I and III only

   E.   I, II, and II

7.   When the author uses the expression "the Bible as guide and touchstone" in line 50, he probably means to refer to

   A.   The interrelationship of the Bible and the " American Way of Life"

   B.   An academic approach to researching the theatre and religion

   C.   The relationship of Biblical concepts to basic ideas and values contained in theatrical production

   D.   The use of the Bible as a guide to everyday life

   E.   The Bible as a source of inspiration for all

8.   According to the author, which of the following media have low cultural and moral values?

   I)   Movies
   II)   TV
   III)   Literature
   A.   I only

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B.   II only

C.   I and II only

D.   II and III only

E.   I, II, and III

9.   The author believes that high American moral and cultural values are important because they determine

A.   What is produced in Hollywood

B.   The future of world democracy

C.   Whether the Bible will be studied

D.   The basis for Western civilization

E.   Educational trends in the school system

Passage 2

It is easy to accept Freud as an applied scientist, and, indeed he is widely regarded as the twentieth century's master clinician. However, in viewing Marx as an applied social scientist the stance needed is that of a Machiavellian operationalism. The objective is neither to bury nor to praise him. The assumption is simply that he is better understood for being understood as an applied sociologist. This is in part the clear implication of Marx's theses on Feurbach, which culminate in the resounding 11th thesis: "The philosophers have only interpreted the world in different ways; the point, however, is to change it. "This would seem to be the tacit creed of applied scientists everywhere.

Marx was no Faustian, concerned solely with understanding society, but a Promethean who sought to understand it well enough to influence and to change it. He was centrally concerned with the social problems of a lay group, the proletariat, and there can be little doubt that his work is motivated by an effort to reduce their suffering, as he saw it. His diagnosis was that their increasing misery and alienation engendered endemic class struggle; his prognosis claimed that this would culminate in revolution; his therapeutic prescription was class consciousness and active struggle.

Here, as in assessing Durkheim or Freud, the issue is not whether this analysis is empirically correct or scientifically adequate. Furthermore, whether or not this formulation seems to eviscerate Marx's revolutionary core, as critics on the left may charge, or whether the formulation provides Marx with a new veneer of academic respectability, as critics on the right may allege, is entirely irrelevant from the present standpoint. Insofar as Marx's or any other social scientist's work conforms to a generalized model of applied social science, insofar as it is professionally oriented to the values and social problems of laymen in his society, he may be treated as an applied social scientist.

Despite Durkheim's intellectualistic proclivities and rationalistic pathos, he was too much the product of European turbulence to turn his back on the travail of his culture. "Why strive for knowledge of reality, if this

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knowledge cannot aid us in life, "he asked. "Social science, "he said, "can provide us with rules of action for the future. "Durkheim, like Marx, conceived of science as an agency of social action, and like him was professionally oriented to the values and problems of laymen in his society. Unless one sees that Durkheim was in some part an applied social scientist, it is impossible to understand why he concludes his monumental study of Suicide with a chapter on "Practical Consequences, " and why, in the Division of Labor, he proposes a specific remedy for anomie.

Durkheim is today widely regarded as a model of theoretic and methodologic sophistication, and is thus usually seen only in his capacity as a pure social scientist. Surely this is an incomplete view of the man who regarded the practical effectiveness of a science as its principal justification. To be more fully understood, Durkheim also needs to be seen as an applied sociologist. His interest in religious beliefs and organization, in crime and penology, in educational methods and organization, in suicide and anomie, are not casually chosen problem areas. Nor did he select them only because they provided occasions for the development of his theoretical orientation. These areas were in his time, as they are today, problems of indigenous interest to applied sociologists in Western society, precisely because of their practical significance.

10. Which of the following best describes the author's conception of an applied social scientist?

    A. A professional who listens to people's problems

    B. A professional who seeks social action and change

    C. A student of society

    D. A proponent of class struggle

    E. A philosopher who interprets the world in a unique way

11. According to the author, which of the following did Marx and Durkheim have in common?

    A. A belief in the importance of class struggle

    B. A desire to create a system of social organization

    C. An interest in penology

    D. Regard for the practical applications of science

    E. A sense of the political organization of society

12. It may be inferred from the passage that the applied social scientist might be interested in all of the following subjects except

    A. The theory of mechanics

    B. How to make workers more efficient

    C. Rehabilitation of juvenile delinquents

    D. Reduction of social tension

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E.   Industrial safety

13.   According to the passage, applied social science can be distinguished from pure social science by its

A.   Practical significance

B.   Universal application

C.   Cultural pluralism

D.   Objectivity

E.   Emphasis on the problems of the poor

14.   Which of the following best summarizes the author's main point?

A.   Marx and Durkheim were similar in their ideas.

B.   Freud, Marx and Durkheim were all social scientists.

C.   Philosophers, among others, who are regarded as theoreticians can also be regarded as empiricists.

D.   Marx and Durkheim were applied social scientists because they were concerned with the solution of social problems.

E.   Pure and applied sciences have fundamentally similar objects.

15.   All of the following are mentioned as topics of interest to Durkheim except

A.   Suicide

B.   Psychiatry

C.   Crime

D.   Education

E.   Religion

16.   What action did Marx prescribe for the proletariat?

I)   Class consciousness
II)   Passive resistance
III)   Alienation

A.   I only

B.   II only

C.   I and II only

D.   II and III only

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E.   I, II, and III

17.   Marx sought to

I)   Understand society
II)   Change the educational system
III)   Apply science to philosophy

A.   I only

B.   II only

C.   I and II only

D.   II and III only

E.   I, II, and III

Sentence Correction

18.   The principal reason for our failure was quite apparent <u>to those whom we had brought</u> into the venture.

A.   to those whom we had brought

B.   to them whom we had brought

C.   to the ones whom we had brought

D.   to those who we had brought

E.   to those who we had brung

19.   Although he was the most friendly of all present and <u>different from the others, he hadn't hardly any friends except me.</u>

A.   different from the others he hadn't hardly any friends except me

B.   different than the others, he had hardly any friends except me

C.   different from the others, he had hardly any friends except me

D.   different than the others, he hadn't hardly any friends except I

E.   different from the others, he hardly had any friends except I

20.   It was <u>us who had left before he arrived</u>

A.   us who had left before he arrived

B.   we who had left before he arrived

C.   we who had went before he arrived

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D.   us who had went before he arrived

E.   we who had left before the time he had arrived

21.   She is the <u>sort of person who I feel would be capable of making these kind of</u> statements.

A.   sort of person who I feel would be capable of making these kind of

B.   sort of a person who I feel would be capable making these kind of

C.   sort of person who I feel would be capable of making these kinds of

D.   sort of person whom I feel would be capable of making these kinds of

E.   sort of person whom I feel would be capable of making this kind of

22.   <u>Due to the continual rain, a smaller number</u> of spectators witnessed the game than had been expected.

A.   Due to the continual rain, a smaller number

B.   Due to the continuous rain, a smaller number

C.   Due to the continual rain, lesser number

D.   Because of the rain that kept failing now and then, a smaller number

E.   Because of the continual rain, a smaller number

23.   <u>Beside me, there were many persons who were altogether aggravated</u> by his manners.

A.   Beside me, there were many persons who were altogether aggravated

B.   Beside me, there were many persons who were all together aggravated

C.   Besides me, there were many persons who were altogether aggravated

D.   Besides me, there were many persons who were altogether irritated

E.   Beside me, there were many persons who were all together irritated

24.   The owner, <u>who was a kind man, spoke to the boy and he</u> was very rude.

A.   , who was a kind man, spoke to the boy and he

B.   was a kind man and he spoke to the boy and he

C.   spoke to the boy kindly and the boy

D.   , a kind man, spoke to the boy who

E.   who was a kind man spoke to the boy and he

25.   Because we cooperated <u>together, we divided up the work on the report which had been assigned</u>.

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A.   Together, we divided up the work on the report which had been assigned

B.   Together, we divided the work on the report which had been assigned

C.   , we divided up the work on the report which was assigned

D.   , we divided the work on the assigned report

E.   We divided up the work on the assigned report

26.   The senator <u>rose up to sy that, in here opinion, she thought the bill should be referred back</u> to committee.

A.   rose up to say that, in her opinion, she thought the bill should be referred back

B.   rose up to say that she thought the bill should be referred back

C.   Rose up to say that she thought the bill should be referred

D.   Rose up to say that, in her opinion, the bill should be referred

E.   Rose to say that she thought the bill should be referred

27.   I don't know <u>as I concur with your decision to try and</u> run for office.

A.   as I concur with your decision to try and

B.   that I concur in your decision to try to

C.   as I concur in your decision to try and

D.   that I concur with your decision to try to

E.   as I concur with your decision to try, to

28.   Jones, the president of the union and <u>who is also a member of the community group</u>, will be in charge of the negotiations.

A.   who is also a member of the community group

B.   since he is a member of the community group

C.   a member of the community group

D.   also being a member of the community group

E.   in addition, who is a member of the community group

29.   The instructor told the student <u>to hold the club lightly, keeping his eye on the ball and drawing the club back quickly, but too much force should not be used</u> on the downward stroke.

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A.   To hold the club lightly, keeping his eye on the ball and drawing the club back quickly, but too much force should not be used

B.   To hold the club lightly, keep his eye on the ball, and drawing the club back quickly, and too much force should not be used

C.   To hold the club lightly, keep his eye on the ball, draw the club back quickly, and not use too much force

D.   To hold the club lightly, keep this eye on the ball, draw the club bak quickly and too much force should not be used

E.   He should hold the club lightly, keeping his eye on he ball, drawing the club back quickly, and not using too much force

30.   The <u>horse, ridden by the experienced jockey with the broken leg, had</u> to be destroyed.

     A.   horse, ridden by the experienced jockey with the broken leg, had

     B.   horse ridden by the experienced jockey with the broken leg had

     C.   horse with the broken leg ridden by the experienced, jockey had

     D.   horse with the broken leg ridden by the experienced jockey, had

     E.   horse with the broken leg, ridden by the experienced jockey, had

31.   Our guest let us know <u>that he would be arriving next week in his last letter.</u>

     A.   that he would be arriving next week in his last letter

     B.   that he was arriving next week in his last letter

     C.   that he will arrive next week in his last letter

     D.   in his last letter that he would be arriving next week

     E.   in his last letter that he was arriving next week

32.   <u>Whoever objects to me</u> going to the convention ought to state her position promptly

     A.   Whoever objects to me

     B.   Whomever objects to me

     C.   Whomever objects to my

     D.   Whoever objects to my

     E.   Whoever has an objection to me

33.   The reason that the number of accidents this year is <u>greater than that of last year is because</u> Americans are uninterested in safely techniques

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A. Is greater than that of last year is because

B. Is greater than last year is because

C. Is greater than last year is that

D. Is greater than that of last year is that

E. Is greater than the number of accidents last year is because

34. Julio found the new job <u>more preferable to the one he had left so he decided to continue on</u> for a while.

A. more preferable to the one he had left so he decided to continue on

B. preferable to the one he had left so he decided to continue on

C. more preferable to the one he had left so he decided to continue

D. preferable to the one he had left so he decided to continue

E. more preferable than the one he had left so he decided to continue

35. <u>Since we are living</u> in New York for five years, we are reluctant to move to another city.

A. Since we are living

B. Being that we are living

C. Being that we have been

D. Since we have been living

E. Since we were living

36. <u>As a child, my parents took me to Chicago to visit my grandfather</u>.

A. As a child, my parents took me to Chicago to visit my grandfather

B. My parents took me to Chicago to visit my grandfather as a child

C. My parents took me, as a child, to Chicago to visit my grandfather

D. A child, my parents took me to Chicago to visit my grandfather

E. When I was a child, my parents took me to Chicago to visit my grandfather.

37. He said that, if <u>he were elected president and that if funds were available, that</u> he would create a national theater.

A. he were elected president and that if funds were available, that

B. elected president, and funds were available, that

C. he were elected president and funds were available, that

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D.   he were elected president and funs were available.

E.   elected president, and funds were available.

38.   <u>Having managed the team for years, he understood the payers.</u>

A.   Having managed the team for years, he understood the players.

B.   After managing the team for years, the players were understood by him.

C.   Having managed the team for years, the players were understood by him.

D.   For years having managed the team, its players were understood by him.

E.   Because he had managed the team for years, its players were understood by him.

Section 2 Quantitative

Problem Solving

39.   If the length of a rectangle is increased by 20% and the width is decreased by 20%, then the area

A.   Decreases by 20%

B.   Decreases by 4%

C.   Stays the same

D.   Increases by 10%

E.   Increases by 20%

40.   If it is 250 miles from New York to Boston and 120 miles from New York to Hartford, what percentage of the distance from New York to Boston is the distance from New York to Hartford?

A.   12

B.   24

C.   36

D.   48

E.   52

41.   The lead in a mechanical pencil is 5 inches long. After pieces $\frac{1}{8}$ of an inch long, $1\frac{3}{4}$ inches long, and $1\frac{1}{12}$ inches long are broken off, how long is the lead left in the pencil?

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A.   2 in.

B. $2\frac{1}{24}$ in.

C. $2\frac{1}{12}$ in.

D. $2\frac{1}{4}$ in.

E. $2\frac{1}{2}$ in.

42.   It costs x dollars each to make the first thousand copies of a compact disk and y dollars to make each subsequent copy. If z is greater than 1,000, how many dollars will it cost to make z copies of the compact disk?

A.   1,000x + yz

B.   Zx - zy

C.   1,000 (z – x) + xy

D.   1,000 (z – y) + xz

E.   1,000 (x – y) + yz

43.   How many two-digit numbers satisfy the following property: the last digit (units digit) of the square of the two-digit number is 8?

A.   None

B.   1

C.   2

D.   3

E.   More than 3

44.   If x +y = 3 and $\frac{y}{x}$ =2, then y is equal

A.   0

B. $\frac{1}{2}$

C.   1

D. $\frac{3}{2}$

E.   2

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45. Ms. Taylor purchased stock for $1,500 and sold $\frac{2}{3}$ of it after its value doubled. She sold the remaining stock at 5 times its purchase price. What was her total profit on the stock?

A. $1,500

B. $2,000

C. $2,500

D. $3,000

E. $6,000

46. City B is 8 miles east of City A. City C is 6 miles north of City B. city D is 16 miles east of City C, and City E is 12 miles north of City D. what is the distance from City A to City E?

A. 10 miles

B. 20miles

C. 24 miles

D. 30 miles

E. 42 miles

47. A car goes 15 miles on a gallon of gas when it is driven at 50 miles per hour. When the car is driven at 60 miles per hour it only goes 80% as far. How many gallons of gas will it take to travel 120 miles

A. 2

B. 6.4

C. 8

D. 9.6

E. 10

48. If $x + y = z$ and x and y are positive, then which of the following statements can be inferred?

I) $X < y$

II) $X < z$

III) $x < 2z$

A. I only

B. II only

C. I and II only

D. II and III only

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E.   I, II, and III

49.   Mr. Smith drove at an average speed of 50 pmh for the first two hours of his trip. For the next three hours, he averaged 20 mph. what was Mr. Smith's average speed for the five-hour trip?

A.   30mph

B.   32mph

C.   35mph

D.   38mph

E.   160mph

50.   If in 1997, 1998, and 1999 a worker received 10% more in salary each year than she did the previous year, how much more did she received in 1999 than in 1997?

A.   10%

B.   11%

C.   20%

D.   21%

E.   30%

51.   If x is a number satisfying 2 < x < 3 and y is a number satisfying 7 < y < 8 <, which of the following expressions will have the largest value?

A. X_2y

B. Xy_2

C.   5xy

D. $\dfrac{4x^2y}{3}$

E. $\dfrac{x^2}{y}$

52.   If 50 apprentice can finish a job in 4 hours and 30 skilled workers can finish the same job in $4\frac{1}{2}$ hours, hour much of the job should be completed by 10 apprentics and 15 skilled workers in one hour?

A. $\dfrac{1}{9}$

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B. $\dfrac{29}{180}$

C. $\dfrac{26}{143}$

D. $\dfrac{1}{5}$

E. $\dfrac{39}{121}$

53.   If the shaded area is one half the area of triangle ABC and angle AB is a right angle, then the length of line segment AD is

A. $\dfrac{1}{2}w$

B. $\dfrac{1}{2}(w + x)$

C. $\sqrt{2x^2 + z^2}$

D. $\sqrt{w^2 - 3y^2}$

E. $\sqrt{y^2 + z^2}$

54.   There are 4 quarts in a gallon. A gallon of motor oil sells for $12 and a quart of the same oil sells for $5. The owner of a rental agency has 6 machines and each machine needs 5 quarts of oil. What is the minimum amount of money she must spend to purchase enough oil?

A. $84

B. $94

C. $96

D. $102

E. $150

55.   A store has a parking lot that contains 70 parking spaces. Each row in the parking lot contains the same number of parking spaces. The store has bought additional property in order to build an addition to the store. When the addition is built, 2 parking spaces will be lost from each row; however, 4 more rows will be added to the parking lot. After the addition is built, the parking lot will still have 70 parking spaces, and each row will contain the same number of parking spaces as every other row. How many row were in the parking ot before the addition was built?

A.   5

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B.   6

C.   7

D.   10

E.   14

56.   .03 times .05 is

A.   15%

B.   1.5%

C.   .15%

D.   .015%

E.   .0015%

57.   Which of the following are possible values for the angles of a parallelogram?

I. $90°, 90°, 90°, 90°$
II. $40°, 70°, 50°, 140°$
III. $50°, 130°, 50°, 130°$

A.   I only

B.   II only

C.   I and III only

D.   II and III only

E.   I, II, and III

58.   For every novel in the school library there are two science books; for each science book there are seven economics books. Express the ratio of economics library as a triple ratio.

A.   7 : 2 : 1

B.   7 : 1 : 2

C.   14 : 7 : 2

D.   14 : 2 : 1

E.   14 : 2 : 7

59.   There are 50 employees in the office of ABC Company. Of these, 22 have taken an accounting course, 15 have taken a course in finance, and 14 have taken a marketing course. Nine of the

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employees have taken exactly two of the courses, and one employee has taken all three of the courses. How many of the 50 employees have taken none of the courses?

A.   0

B.   9

C.   10

D.   11

E.   26

60.   If $x + y = 4$ and $x - y = 3$, then $x + 2y$ is

A. $\dfrac{1}{2}$

B. $3\dfrac{1}{2}$

C. 4

D. $4\dfrac{1}{2}$

E. $7\dfrac{1}{2}$

61.   How much interest will $2,000 earn at an annual rate of 8% in one year if the interest is compounded every 6 months?

A. $ 160.00

B. $ 163.00

C. $ 249.00

D. $ 332.80

E. $ 2,163.20

62.   A company makes a profit of 6% on its first $1,000 of sales each day, and 5% on all sales in excess of $1,000 for that day. How many dollars in profit will the company make in a day when sales are $6,000?

A. $250

B. $300

C. $310

D. $320

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E. $360

63. If 15 employees working independently and at the same rate can manufacture 27 baskets in an hour, how many baskets would 45 employees working independently and at the same rate manufacture in 40 minutes?

A. 27

B. 35

C. 40

D. 54

E. 81

64. A conveyer belt moves grain at the rate of 2 tons in 5 minutes and a second conveyer belt moves grain at the rate of 3 tons in 7 minutes. How many minutes will it take to move 20 tons of grain using both conveyer belts?

A. 12

B. $16\frac{4}{7}$

C. $18\frac{3}{26}$

D. 21

E. $24\frac{4}{29}$

65. A field is rectangular and its with is $\frac{1}{3}$ as long as its length. What is the area of the field if the length of the field is 120 yards?

A. 480 square yards

B. 2,400 square yards

C. 4,800 square yards

D. 5,000 square yards

E. 7,200 square yards

66. If the price of steak starts at $1.00 a pound, and the price triples every 6 months, how long will it be until the price of steak is $81.00 a pound?

A. 1 year

B. 2 years

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C. $2\frac{1}{2}$ years

D. 13 years

E. $13\frac{1}{2}$ years

67. If $\frac{x}{y} = \frac{2}{3}$, then $\frac{y^2}{x^2}$ is

A. $\frac{4}{9}$

B. $\frac{2}{3}$

C. $\frac{3}{2}$

D. $\frac{9}{4}$

E. $\frac{5}{2}$

68. The entry following a_n in a sequence is determined by the rule $(a_n - 1)^2$. If 1 is an entry in the sequence, the next three entries are

A. 0, -1, 2

B. 0, -1, 1

C. 0, 1, 2

D. 2, 3, 4

E. 0, 1, 0

69. An employer pays 3 workers X, Y and Z a total of $610 a week. X is paid 125% of the amount Y is paid and 80% of the amount Z is paid. How much does X make a week?

A. $ 150

B. $ 175

C. $ 180

D. $ 195

E. $ 200

70. What is the maximum number of points of intersection of two circles which have unequal radii?

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A.   None

B.   1

C.   2

D.   3

E.   Infinite

71.   If the area of a rectangle is equal to the area of a square, then the perimeter of the rectangle must be

A. $\frac{1}{2}$ the perimeter of the square

B.   Equal to the perimeter of the square

C.   Equal to twice the perimeter of the square

D.   Equal to the square root of the perimeter of the square

E.   None of the above

Quantitative comparison

Column A	Column B

72.

3^2 2^3

A.   B.   C.   D.   E.

73.

$\dfrac{6+\dfrac{3}{4}}{2-\dfrac{5}{4}}$ $(3)^2$

A.   B.   C.   D.   E.

74.

⅓ of 8   66⅔ % of 4

A.   B.   C.   D.   E.

75.

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$$\sqrt{\frac{1}{4}} + \sqrt{\frac{1}{25}} \qquad\qquad \sqrt{\frac{1}{4} + \frac{1}{25}}$$

A.   B.   C.   D.   E.

76.

$$x = 3 \, and \, y = \frac{1}{6}$$

$$2x - 18y \qquad\qquad\qquad 3x - 36y$$

A.   B.   C.   D.   E.

77.

The average of $\sqrt{0.49}, \frac{3}{4}$, and 0.8   75%

A.   B.   C.   D.   E.

78.

$$B = 0$$
$$A > 1$$
$$C > 1$$

$$2B(A + C) \qquad\qquad\qquad A(B + C)$$

A.   B.   C.   D.   E.

79.

$$\frac{n + a}{a} \qquad\qquad\qquad \frac{n}{a} + 1$$

A.   B.   C.   D.   E.

80.

$$\sqrt{\frac{1}{.25}} \qquad\qquad\qquad\qquad 4$$

A.   B.   C.   D.   E.

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