

DESIGN APTITUDE TEST 2017

Admit Card Number

Candidate's Name

Candidate's Signature

Exam Centre.....

Instructions:

1. Fill in the information asked above
2. All questions are compulsory
3. The maximum duration of the exam is 180 minutes

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Marks Obtained in

Section A

Section B

Section C

Section D

TOTAL

Examiner's signature

SECTION - A [COMMUNICATION ABILITY/ SKILLS 25]

Question 1 Comprehension

A renaissance is a rebirth. The Harlem Renaissance of the 1920's was a time when African-American art and literature flourished. Blacks migrating from the south brought with them a key element to the thriving Harlem area; jazz. The rhythms of this music set the stage for a new kind of literature and a new kind of art. But the vitality was not just exhibited in the fine arts; it was present in the politics of the era. Inevitably, it changed African-Americans and America through the power of its legacy. Inspired by the freedom that jazz construction provided, poet Langston Hughes began writing riffs that contained the elements of jazz and blues but maintained the structure of poetry. However, it was the language in his writing that was truly revolutionary. Instead of the highly stylized, theatrical black voice used at the time, Hughes wrote in the every day language he heard around him. It was the language of the musicians, workers, and servants and it became a poetic revolution. Likewise, African-American art was revitalized. The works of Aaron Douglas could be seen throughout New York City. He was prolific muralist and graphic illustrator. His subjects were rendered in the art deco style that was popular at the time. His murals depicted jazz musicians and singers posing heroically above the cityscape. No major literary work from the Harlem Renaissance was published without his design gracing its cover. Other notable artists, like Archibald Motley Jr. and Malvin Gray Johnson, gave African-American subjects dignity and grace that were considered radical in the America of 1920. At the same time, African-American scholars, like W.E. B. Du Bois, urging racial pride, were publishing magazines. Activist Marcus Garvey campaigned against the colonization of Africa and started an organization called the Universal Negro Improvement Association to further the goal of racial pride. This was a reformation; an intellectual rebellion shouting out that the black voice in America would be heard. And heard it was, not just in America but around the world. Paris, considered the cultural capital of the world, was quick to assimilate the sounds, textures and words that were coming out of Harlem. The sound of Duke Ellington and the songs of Bessie Smith swung from the Cotton Club in Harlem to the nightclubs of Paris. The world was taking note of black Americans, their struggles and their achievements. 1920s Harlem, with its intellectuals and artists, its activists and musicians, inspired generations. Its influence can be seen in the novels of Toni Morrison, the music of Wynton Marsalis, the films of Spike Lee and, perhaps most importantly, the politics of Malcolm X and Martin Luther King, Jr. Inspired by the art and politics of the time, African-Americans redefined themselves and the world had to take notice.

1. Renaissance and rebirth are synonymous. Why were the intellectuals and artists of 1920s Harlem considered to be part of a renaissance? [1]
(A) They studied the revival of art and learning from the 14th, 15th, and 16th centuries in Europe.
(B) They underwent a religious transformation.
(C) Their work is the basis of all African-American art and politics today.
(E) Their collective works of art and thought were instrumental in changing the perception of African-Americans at the time and continue to influence attitudes today.
2. What impact did the migration of blacks from the south have on the Harlem Renaissance? [1]
(A) More black people in New York City allowed Harlem to flourish.
(B) Southern thought and art was superior to that found in the north.
(C) African-Americans from the south brought their musical sensibilities which influenced the writings, art, and thought of the 1920s.
(D) Southern African-Americans were not interested in music so more time could be spent on writing, painting and politics.
(E) Duke Ellington played in Paris thus allowing African-American music to gain acceptance.
3. In paragraph 2, lines 17- 19, the author describes Langston Hughes as writing in a voice very different than the highly stylized, theatrical style accepted at the time. What characterized the difference between the two styles? [1]
(A) Shakespearean English was the only acceptable literary voice of the time.
(B) Langston Hughes wrote in the language of ordinary people instead of the artificial voice that identified the style of the time.
(C) Southern dialects became important in Langston Hughes work but were not important to the elite New Yorker of the 1920s.
(D) The use of literary devices like similes and metaphors were common in the poetry of Langston Hughes but not in mainstream America.
(E) The preferred voice of the time was less affected than that of Langston Hughes.
4. In paragraph 4, line 41, the word reformation is used. Which of the following is the best description of the meaning of this word in the context of the passage?[1]
(A) The act of reshaping an object or thing.

- (B) An act of civil disobedience to further a cause.
- (C) A decision made by a group of people to form a committee to investigate a community need.
- (D) A vote taken directly to the people to decide an issue.
- (E) A transformation that corrects and betters the current condition.

5. In the last sentence of the paragraph 3, the author states that the subjects of African- American artists were depicted with dignity and grace. This would indicate which of the following: [1]
- (A) That previous depictions of African- American subjects were largely based on stereotypical biases present at the turn of the century.
 - (B) All African- American artwork prior to the Harlem Renaissance was unflattering.
 - (C) African- American artists were working with inferior supplies and were unable to create artwork that reflected their subjects in a respectful manner.
 - (D) Art Deco, by virtue of the stylistic approach, created an air of nobility and culture to the subject matter.
 - (E) The artistic atmosphere created by the Harlem Renaissance allowed for a more realistic portrayal of African- Americans, which resulted in a more dignified and tasteful depiction of the subject.

Question 2

For each of the following questions, choose the best answer and darken the corresponding oval on the answer sheet. Each sentence below has one or two blanks, each blank indicating that something has been omitted. Beneath the sentence are five words or set of words labeled A through E. Choose the word or set of words that, when inserted in the sentence, best fits the meaning of the sentence as a whole.

1. The band that courted controversy before in order to get attention, and the _____ lyrics on their new album demonstrate that they found the strategy _____. [2]
- (A) sedate . . plausible
 - (B) vacuous . . rewarding
 - (C) belligerent . . counterproductive
 - (D) scandalous . . effective
 - (E) provocative . . comparable
2. James Joyce regarded _____ as central to the creative process, which is evident in the numerous scribbled edits that cover end his supposedly final drafts. [2]
- (A) contrivance
 - (B) revision
 - (C) inspiration
 - (D) obsession
 - (E) disavowal
3. Fans who believe that the player's motivations are not _____ would be _____ to learn that they now charge for their signatures. [2]
- (A) self-serving . . vindicated
 - (B) venal . . chagrined
 - (C) altruistic . . unsurprised
 - (D) atypical . . disillusioned
 - (E) tainted . . gratified
4. Although the film ostensibly deals with the theme of -----, the director seems to have been more interested in its absence- in isolation and the longing for connection. [2]
- (A) reliance
 - (B) fraternity
 - (C) socialism
 - (D) privation
 - (E) levity

5. Everything the candidate said publicly was -----; he manipulated the media in order to present the image he wanted. [2]
(A) incendiary
(B) calculated
(C) facetious

Question 3

The following sentences test your ability to recognize grammar and usage errors. Each sentence contains either a single error or no error at all. No sentence contains more than one error. The error, if there is one, is underlined and lettered. If the sentence contains an error, select the one underlined part that must be changed to make the sentence correct. If the sentence is correct, select choice E.

In choosing answers, follow requirements of standard written English.

1. In the original (A) Star Trek series, the crew defied (B) the laws of nature (C), because they could breathe as easily on other planets as human (D) could breathe on Earth. No error (E) [2]
2. Outside the barn (A), a commotion involving (B) three hens a rooster woke (C) the twins, who were sleeping deep (D). No error (E) [2]
3. Grant Parson's new book is (A) more a compilation of stories than like (B) a novel; characters and plot lines appear and (C) disappear from chapter to (D) chapter. No error (E) [2]
4. Learning stations in (A) elementary school classrooms allow (B) students to personalize their (C) education by reading extra- curricular books that interests (D) them. No error (E) [2]
5. The guidance counselor's recommendation included (A) a plan where (B) each student was to visit (C) colleges throughout (D) the spring of junior year. No error (E) [2]

SECTION - B [GENERAL ABILITY/ SKILLS - MARKS 25]

1. A candidate attempted 12 questions and secured full marks in all of them. If he obtained 60% in the test and all questions carried equal marks, then what is the number of questions in the test? [1]
A 36
B 30
C 25
D 20
2. Joule is the unit of [1]
A Temperature
B Pressure
C Energy
D Heat
3. A person travels 12 km due North, then 15 km due East, after that 15 km due West and then 15 km due South. How far is he from the starting points? [1]
A 6 km
B 12 km
C 33 km
D 60 km
4. A person has 4 coins each of different denomination. What is the number of different sums of money the person can form (using one or more coins at a time)? [1]
A 16
B 15
C 12
D 11
5. OS' computer abbreviation usually means ?
A Order of significance
B Open Software
C Operating System
D Optical Sensor
6. A person X has four notes of Rupee 1, 2, 5 and 10 denomination. The number of different sums of money she can form from them is. [1]
A 16
B 15
C 12
D 8
7. Four metal rods of lengths 78 cm, 104 cm, 117 cm and 169 cm are to be cut into parts of equal length. Each part must be as long as possible. What is the maximum number of pieces that can be cut? [1]
A 27
B 36
C 43
D 480
8. MOV' extension refers usually to what kind of file? [1]
A Image file
B Animation/ movie file
C Audio File
D MS office document
9. There are seven persons up on a ladder, A, B, C, D, E, F and G (not in that order). A is further up than E but is lower than C. B is in the middle. G is between A and B. E is between B and F. If F is between E and D, the person on the bottom step of the ladder will be [1]
A B
B F
C D
D E

10. In a garrison, there was food for 1000 soldiers for one month. After 10 days, 1000 more soldiers joined the garrison. How long would the soldiers be able to carry on with the remaining food? [1]
A 25 days
B 20 days
C 15 days
D 10 days
11. The words 'Satyameva Jayate' inscribed below the base plate of the emblem of India are taken from? [1]
A Rigveda
B Satpath Brahmana
C Mundak Upanishad
D Ramayana
12. Mr. Kumar drives to work at an average speed of 48 km per hour. The time taken to cover the first 60% of the distance is 10 minutes more than the time taken to cover the remaining distance. How far is his office? [1]
A 30 km
B 40 km
C 45 km
D 48 km
13. How many numbers lie between 300 and 500 in which 4 comes only one time? [1]
A 09
B 100
C 110
D 120
14. In a tournament 14 teams play league matches. If each team plays against every other team once only then how many matches are played? [1]
A 105
B 91
C 85
D 78
15. In how many ways can four children be made to stand in a line such that two of them, A and B are always together? [1]
A 6
B 12
C 18
D 24
16. P, Q, R and S are four men. P is the oldest but not the poorest. R is the richest but not the oldest. Q is older than S but not than P or R. P is richer than Q but not than S. The four men can be ordered (descending) in respect of age and richness, respectively [1]
A PQRS, RPSQ
B PRQS, RSPQ
C PRQS, RSQP
D PRSQ, RSPQ
17. Six persons A, B, C, D, E and F are standing in a row. C and D are standing close to each other alongside E. B is standing beside A only. A is fourth from F. Who are standing on the extremes? [1]
A A and F
B B and D
C B and F
D None of the above
18. Six persons M, N, O, P, Q and R are sitting in two rows, three in each. Q is not at the end of any row. P is second to the left of R. O is the neighbor of Q and is sitting diagonally opposite to P. N is the neighbor of R. On the basis of above information, who is facing N?

- A R [1]
 B Q
 C P
 D M
19. As per agreement with a bank, a businessman had to refund a loan in some equal installments without interest. After paying 18 installments he found that 60 percent of his loan was refunded. How many installments were there in the agreement? [1]
 A 22
 B 24
 C 30
 D 33
20. If Sohan, while selling two goats at the same price, makes a profit of 10% on one goat and suffers a loss of 10% on the other [1]
 A he makes no profit and no loss.
 B he makes a profit of 1%.
 C he suffers a loss of 1%.
 D he suffers a loss of 2%.
21. A group of 630 children is seated in rows for a group photo session. Each row contains three less children than the row in front of it. Which one of the following number of rows is not possible? [1]
 A 3
 B 4
 C 5
 D 6
22. Two cars start towards each other, from two places A and B which are at a distance of 160 km. They start at the same time 08:10 AM. If the speeds of the cars are 50 km and 30 km per hour respectively, they will meet each other at [1]
 A 10:10 AM
 B 10:30 AM
 C 11:10 AM
 D 11:20 AM
23. In a family there are husband wife, two sons and two daughters. All the ladies were invited to a dinner. Both sons went out to play. Husband did not return from office. Who was at home? [1]
 A Only wife was at home
 B All ladies were at home
 C Only sons were at home
 D No body was at home
24. Six persons M, N, O, P, Q and R are sitting in two rows, three in each. Q is not at the end of any row. P is second to the left of R. O is the neighbor of Q and is sitting diagonally opposite to P. N is the neighbor of R. On the basis of above information, who is facing N? [1]
 A R
 B Q
 C P
 D M
25. If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH? [1]
 A 216473
 B 246173
 C 214673
 D 214763

SECTION - C [ETHICS & GENERAL AWARENESS MARKS 20]

[Any two] Answer each question in minimum of 150 words

1. How do you think designers can affect the climate change phenomenon? Give examples using your own field of interest. [10]

[illegible]

2. What is your view on limiting screen time for young children? Give both positive and negative views. [10]

[illegible]

SECTION - D [CREATIVE ABILITY/ SKILLS MARKS 30]
[Any three]

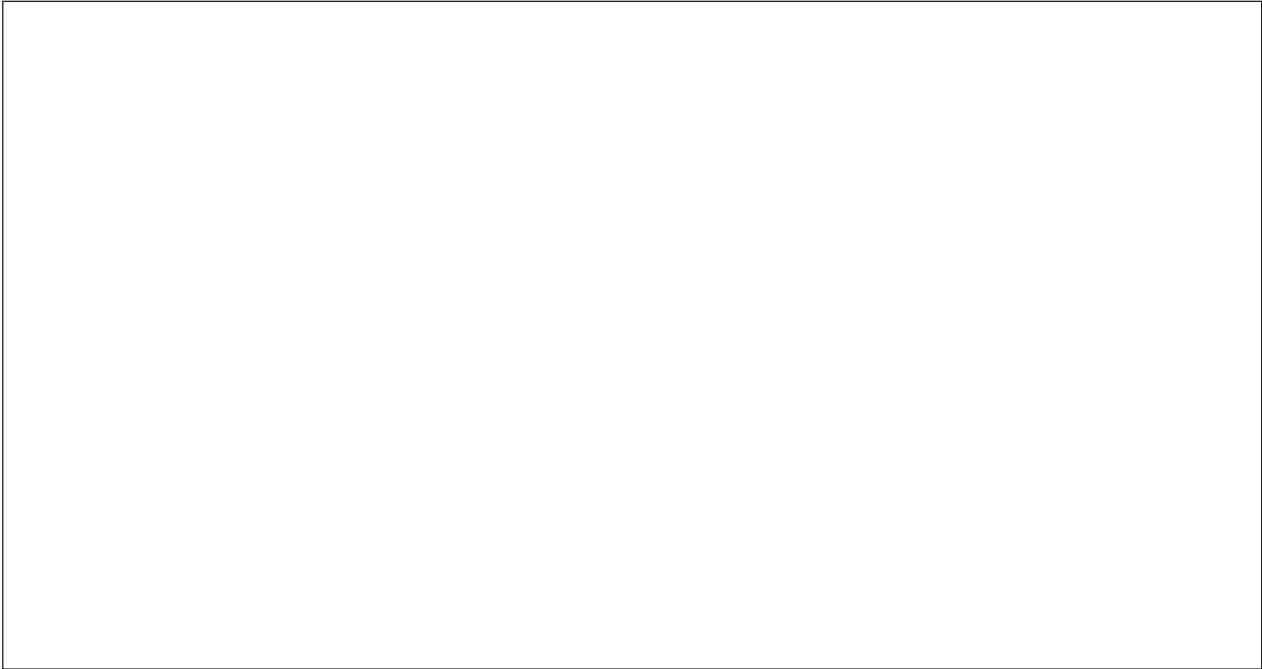
1.
- Fill the below grid with colors imagining a wild animal. Create a color board for it with your choice of colors.
- [10]

2. Magnify the below image of paper clip 5 times in size and list down 10 innovative uses of it.

[10]



2. Design a logo for a coffee-shop for age group 18-25. Also state reasons for making choice of colors and shape of the logo. [10]



4. Create a comic strip incorporating alien, magic, salad, stuffed toys and bullock cart. [10]

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