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SECTION A: VERBAL

Time Allowed: 30 Minutes

30 Questions

(I) Comprehension

Directions : Each passage in this sub-section is followed by questions based on its content. After reading a passage choose the best answer to each question from the five choices marked (A), (B), (C), (D) and (E). Then fill in the corresponding circle on your answer sheet.

Questions 1-5 refer to the following passage

When contemporary black intellectuals speak about the plight of African Americans, the mounting despair and nihilism, they usually invoke images of a dehumanized underclass ravaged by external and internal genocidal forces. Rarely do any of us, frankly and without shame, dare to name our own struggles to ward off depression, despair, suicidal impulses, (5) and addictions, exposing the reality of our own lives. Despite certain levels of material privilege and status and relative tolerance of our presence in predominately white spheres of power, the feelings of hopelessness and helplessness, of powerlessness in the face of structures of domination, often pervade our lives. We insurgent black critical thinkers able to break through denial and testify to the crisis of meaning in our own lives need not see ourselves as (10) estranged and alienated from suffering underclass black folks who are in crisis. We know: we too are in crisis.

Recognizing that our fate is inextricably linked to that of all African Americans, we must remain committed to the progressive struggle for black liberation. That struggle has been hindered by our collective willingness to accept the dominant culture's insistence that there (15) be no vital, reciprocal, transformative connection between the work of intellectuals and the work of masses of people in everyday life. At the same time, black folks of all classes, including academics, have nurtured the profound anti-intellectualism that we are all socialized to perpetuate in a white supremacist, capitalist patriarchy.

Coupling this anti-intellectualism with the naive assumption that liberation is determined (20) solely by the extent to which individuals have access to material goods, masses of black people assume that anything we can do for money is somehow an act of resistance, a challenge to racist domination. Black intellectuals, scholars, cultural workers, and artists are as involved in the lust for money and power as any other group of black folks. Although we may not be shooting folks in the streets for a pair of tennis shoes, many of us willingly participate (25) in the commodification of blackness in ways that ultimately perpetuate the existing social order. In methods akin to strip-mining, we have appropriated and exploited those

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essential and unique aspects of black culture that have been life-affirming, leaving masses of black people without the resources and skills that would enable them to effectively resist domination. Even those among us who may feel the emptiness of material success - which (30) is never in any way aligned with our capacity to live meaningful lives - help perpetuate the false assumption that material acquisition is the quintessential expression of "making it," of liberation.

- 1 The author alludes to Black intellectuals, including herself of
(A) Moral triumph ✓ (B) Courage (C) Sophistication
(D) Enlightened moderation (E) Hypocrisy
- 2 Just because a certain section of Blacks have achieved comparatively higher status than others does not at all mean that
(A) The rest of the society seeks to control them ✗
(B) They are not restrained by the pervading dominant culture ✓
(C) Others cannot follow them to gain greater acceptance
(D) They are more moral than others
(E) Whites cannot emulate their successes
- 3 The passage castigates
i. The Black intellectuals
ii. The Dominant culture
iii. The Blacks
(A) i, ii and iii (B) ii only (C) iii only (D) i and iii (E) i only ✓
- 4 The main reason why Blacks have been unable to overcome their repression
(A) Is because they have not been trying hard enough
(B) Is that they have not sought the help of other ethnic minorities
(C) Is that they have failed to accept their position as disadvantageous
(D) Is because they are mistaken in the approach to fight the oppressive system ✓
(E) Is that the Whites have promised to alleviate their suffering
- 5 The best word to substitute for 'quintessential' without altering the meaning of the sentence would be
(A) Wrong (B) Essential (C) Ordinarily
(D) None of the above (E) Archetypal

Questions 6–10 refer to the following passage

Risk-taking, by definition, defies logic. Reason can't explain why people do unpredictable things - like betting on blackjack or jumping out of planes - for little or, sometimes, no reward at all. There's the thrill, of course, but those brief moments of ecstasy aren't enough to keep most risk takers coming back for more - which they do, again and again, like addicts.

- (5) A new study by researchers at Vanderbilt University in Nashville and Albert Einstein College of Medicine in New York City suggests a biological explanation for why certain people tend to live life on the edge - it involves the neurotransmitter dopamine, the brain's feel-good chemical.

- Dopamine is responsible for making us feel satisfied after a filling meal, happy when our favorite football team wins, or really happy when we use stimulating drugs like amphetamines or cocaine, which can artificially squeeze more dopamine out of the nerve cells in our brain. It's also responsible for the high we feel when we do something daring, like skiing down a double black diamond slope or skydiving out of a plane. In the risk taker's brain, researchers report in the Journal of Neuroscience, there appear to be fewer dopamine-inhibiting receptors - meaning that daredevils' brains are more saturated with the chemical, predisposing them to keep taking risks and chasing the next high: driving too fast, drinking too much, overspending or even taking drugs.

- David Zald, a professor of psychology and psychiatry at Vanderbilt, studied whether the brains of those thrill seekers differed in any way from those of the less adventuresome when it comes to dopamine. He gave 34 men and women a questionnaire to assess their novelty-seeking tendencies, then scanned their brains using a technique called positron emission tomography to figure out how many dopamine receptors the participants had. Zald and his team were on the lookout for a particular dopamine-regulating receptor, which monitors levels of the neurotransmitter and signals brain cells to stop churning it out when there's enough.

- 6 This passage can best be described as:

(A) Irritating (B) Disapproving (C) Descriptive
(D) Ironic (E) Argumentative

- 7 The author compares thrill seekers to addicts because:

(A) He knows how destructive drug addiction is ✓
(B) The author posits that the intensity of pleasure in both of the activities is comparable ✗
(C) Thrill seekers fail to use proper equipment when jumping out of planes ✗
(D) Thrill seekers need help
(E) Thrill seekers take drugs

- 8 Dopamine is a chemical that is released in the humans' body when
- (A) They undertake an activity that provides them with satisfaction ✓
 - (B) They jump out of planes ✗
 - (C) They go snowboarding ✗
 - (D) They witness a win by the Pakistan cricket team ✗
 - (E) The threat of war is imminent ✗
- 9 The thrill seekers' brains are
- (A) More self-destructive than of non-thrill seekers ✗
 - (B) None of the above ✗
 - (C) Smaller than those of non-risk takers ✗
 - (D) Chemically wired in a different way than non-thrill seekers
 - (E) More chemically dependents on drugs than of non-thrill seekers ✗
- 10 Another word to describe 'ecstasy' as mentioned above would be
- (A) Guilt ✗
 - (B) Artificial intervention ✗
 - (C) An illegal drug ✗
 - (D) Rapture ✓
 - (E) Chemical reaction ✗

(II) Sentence Completion

Directions : For each question in this sub-section select the letter corresponding to the word or pair of words from the given choices which best completes the sentence. Then fill in the corresponding circle on your answer sheet.

- 11 Ozone in the upper layers of Earth's atmosphere is beneficial, _____ animal and plant life from dangerous ultraviolet radiation.
- (A) thwarting (B) withdrawing (C) reflecting (D) displacing (E) protecting
- 12 Because he consumed _____ quantities of food during the Shaadi functions, Arif was considered a _____ by his friends.
- (A) huge ... fraud ✗ (B) prodigious ... peer ✗ (C) enormous ... glutton
- (D) unhealthy ... champion ✗ (E) minute ... luminary ✗

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13 "The experiment was repeated over and over again, with the two men _____ farther apart and _____ the time of the return flash."

(A) moving ... measuring

(B) move ... measuring X

(C) moving ... measure X

(D) movement ... measurement X

(E) move ... measure X

14 Although Ali and Faisal physically resemble each other, the brothers could not be more _____ temperamentally; while the one is quiet and circumspect, the other is brash and _____.

(A) inimical ... timid X

(B) alike ... respectful X

(C) different ... forgiving X

(D) dissimilar ... audacious (E) passionate ... superficial X

15 As the economic outlook grows more _____, scholarly organizations are looking _____ at their balance sheets, particularly in terms of the expense of holding conferences and meetings,

(A) precarious ... warily

(B) predictable ... erratically X

(C) unstable ... happily

(D) optimistic ... uneasily X

(E) unpredictable ... casually X

16 Two years after France's immigrant suburbs _____ in rage, the rituals and acts of resentment have _____ with an eerie sameness.

(A) erupts ... flowered X

(B) exploded ... reappeared

(C) experienced ... resulted X

(D) melted ... appeared

(E) erupted ... discontinued X

17 There is a very short _____ between trust and mistrust, yet they are also _____ apart.

(A) path ... never

(B) distinction ... never

(C) difference ... words

(D) distance ... worlds

(E) deviation ... division

18 Shoe-wielding Iraqi journalist Muntadar al-Zaidi, who was _____ to international _____ after throwing his shoes at President Bush during a press conference in Iraq, is now the star of the latest in viral Web games.

(A) lifted ... jail

(B) orbited ... conspiracy

(C) descended ... fame

(D) thrown ... shame

(E) catapulted ... prominence

- 19 Although Rubab had lived in Lahore all her life, she was such a _____ performer that she became the virtual _____ of the humble farm girl she portrayed in the play.
(A) melodramatic ... understudy (B) consummate ... incarnation
(C) natural ... nemesis (D) versatile ... opposite
(E) drab ... caricature
- 20 A new report from Chronicle Research Services shows that more students than usual asked for more financial aid this fall as family wealth _____ and student loans were _____ to get.
(A) increased ... easy (B) dip ... difficult
(C) augmented ... impossible (D) soared ... easier
(E) disappeared ... harder

(III) Sentence Correction

Directions : Some or all parts of the following sentences are underlined. The first answer choice, (A), simply repeats the underlined part of the sentence. The other four choices present four alternative ways to phrase the underlined part. Select the answer that produces the most effective sentence, one that is clear and exact, and fill in the appropriate circle on your answer sheet. In selecting your choice, be sure that it is standard written English and that it expresses the meaning of the original sentence.

- 21 Scientists who want to see how a crowd behaves in an emergency can't exactly shout "Fire!" on a cities' streets and watch everyone panic and run.
(A) a cities' streets and watch everyone (B) watching everyone
(C) a city street and watch everyone (D) streets to starting pushing everyone
(E) watching and pushing everyone
- 22 After decades of strong-arming tiny neighbor Sri Lanka, India find it jostling for influence, as its power has blunted by the island nation's growing ties with Pakistan and China, with the civil war nearing an end.
(A) find it jostling for influence (B) finding jostling influence
(C) finds itself jostling for influence (D) finding jostling influencing
(E) jostle to finding influencing

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23 As evidence of Thai food's increasing popularity, the most recent studies show that the number of Thai restaurants increased more than triple in the past 5 years.

- (A) increased more than triple (B) has more then tripled
(C) was more than tripled (D) has more than tripled
(E) was increased more than three times

24 The flood did a lot of damage before the helicopter saved them.

- (A) The flood did a lot of (B) The flood has done a lot of
(C) The flood had done a lot of (D) The flood had been doing a lot of
(E) The flood has been doing a lot of

25 Samina is a amateur singer.

- (A) a amateur singer (B) an amatuer singer (C) an amateur singer
(D) an immature singer (E) an ammateur singer

(IV) Sentence Correction

Directions : 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 the requirements of standard written English.

26 Among the central insights of gender studies is that "gender" is present in all socially

- (A) (B) (C)
relationships. No Error
(D) (E)

27 It is becoming increasingly obvious that colonialism as we have come to know it during the last

- (A) (B)
two hundred years cannot be identified with only economic gain and politics power. No Error
(C) (D) (E)

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28. A future of poisoned oceans, wither crops, and irate polar bears is nobody's idea of a good time. No Error
(A) (B) (C) (D)
(E)

29. French Muslim live apart from the rest of society - but most are eager to break free from their isolation. No Error
(A) (B) (C)
(D) (E)

30. The unseemly spectacle of the person occupying the highest judicial office in the country using his position to get his daughter some extra marks for admission to a medical college has scandalize the whole nation. No Error
(A) (B) (C) (D)
(E)

STOP
IF YOU FINISH BEFORE TIME IS CALLED, YOU MAY CHECK YOUR WORK ON THIS SECTION ONLY. DO NOT TURN TO ANY OTHER SECTION IN THE TEST BOOK.

SECTION B: MATHEMATICS

Time Allowed: 30 Minutes

20 Questions

Directions : For each question in this section, read the five choices marked (A), (B), (C), (D) and (E) in your test book. Select the letter of the choice, which you consider is the correct answer. Then fill in the corresponding circle on your answer sheet.

1 The number of solutions (x, y) of the equation $3x + y = 100$, where x and y are positive integers, is

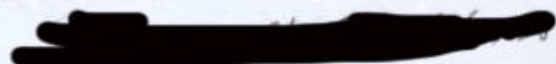
- (A) 33 ✓
- (B) 35
- (C) 101
- (D) 100
- (E) 97

2 The product of two positive integers p and q is 100. What is the largest possible value of $p + q$?

- (A) 25
- (B) 20
- (C) 101 ✓
- (D) 29
- (E) 52

3 What is the largest possible value for the sum of five consecutive even numbers, if 10 and 12 are included amongst the five numbers?

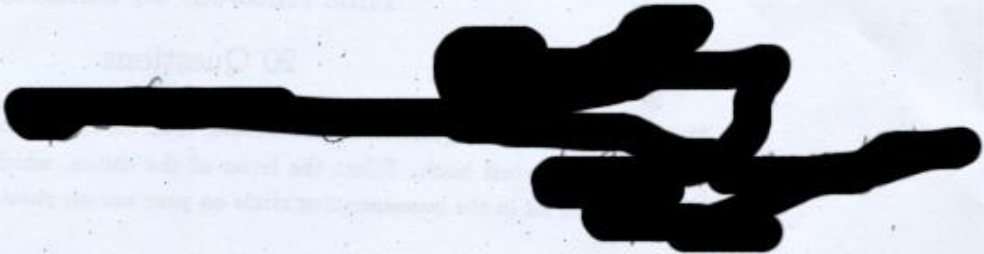
- (A) 90
- (B) 50
- (C) 40
- (D) 60
- (E) 70 ✓



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4 The pattern of symbols TcStC is repeated in the sequence T,c,S,t,C,T,c,S,t,C, ... The 219th symbol in the sequence is

- (A) t ✓
- (B) S
- (C) c
- (D) C
- (E) T



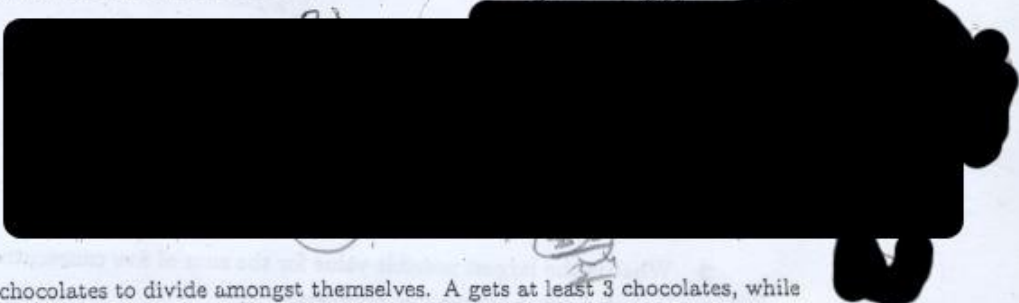
5 A fraction is equal to $\frac{5}{8}$. Its denominator and numerator add up to 91. What is the difference between the denominator and numerator of this fraction?

- (A) 21 ✓
- (B) 13
- (C) 19 ✓
- (D) 3
- (E) 33



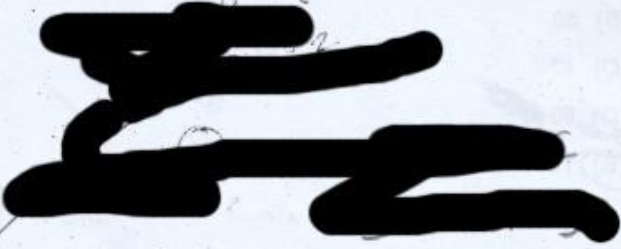
6 Annie's exam had 30 algebra questions and 50 geometry questions. Each question was worth 1 mark. She got 70% of the algebra questions correct, and her overall exam mark was 80%. How many geometry questions did she answer correctly?

- (A) 43 ✓
- (B) 45
- (C) 39
- (D) 41
- (E) 35 ✓



7 A, B and C have 10 chocolates to divide amongst themselves. A gets at least 3 chocolates, while B and C each get at least 2. If C gets at most 3, the number of chocolates that B could get is

- (A) 2, 3 or 5
- (B) 2
- (C) 2 or 3
- (D) 2, 3, 4, or 5 ✓
- (E) 3 or 4 ✓



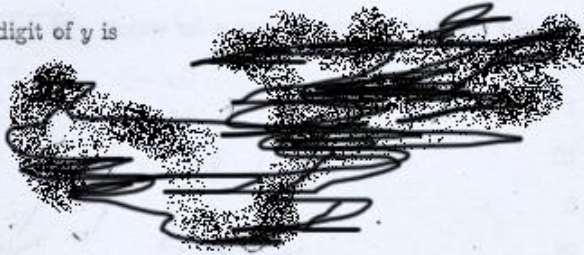
8 A photograph with dimensions 20cm by 25cm is enlarged to make a new photograph measuring 25cm by 30cm. The percentage increase in area is

- (A) 250%
- (B) 50% ✓
- (C) 80%
- (D) 37.5%
- (E) 25%



9 If $y = 5^3 \times 7^{52}$, the last digit of y is

- (A) 3
- (B) 9
- (C) 5 ✓
- (D) 7
- (E) 0



10 The price of a particular item in the market fluctuates from day to day. Tuesday's price was 4Rs. more than Monday's price. Wednesday's price was 6Rs. less than Monday's price. If Tuesday's price was 22Rs., what was Wednesday's price?

- (A) 32Rs.
- (B) 20Rs.
- (C) 12Rs. ✓
- (D) 16Rs.
- (E) 24Rs.



11 If $[10^3 \cdot 10^x]^2 = 10^{18}$, then the value of x is

- (A) 3
- (B) $\sqrt{2}$
- (C) 1
- (D) 6 ✓
- (E) 12

12 If $-2 \leq x \leq 5$, $-3 \leq y \leq 7$, $4 \leq z \leq 8$, and $w = xy - z$, then the smallest value w may have is

- (A) -22
- (B) -14
- (C) -19
- (D) -23
- (E) -18

13 What is the smallest positive integer p for which $\sqrt{2^3 \times 5 \times p}$ is an integer?

- (A) 2
- (B) 1
- (C) 10
- (D) 5
- (E) 20

14 If $y = 6 + \frac{1}{6}$, then $\frac{1}{y} =$

- (A) $\frac{6}{7}$
- (B) $\frac{37}{6}$
- (C) $\frac{6}{37}$
- (D) $\frac{7}{6}$
- (E) 1

15 The sum of five consecutive integers is 90. What is the largest of the five integers?

- (A) 21
- (B) 20
- (C) 10
- (D) 17
- (E) 18

16 The sum of the first 50 positive odd integers is 50^2 . The sum of the first 50 positive even integers is

- (A) $50^2 + 25$
- (B) $50^2 + 1$
- (C) 50^2
- (D) $50^2 + 100$
- (E) $50^2 + 50$

17 Suppose that $x = \frac{1}{4}$. Which of the following has the largest value?

- (A) $x/2$
- (B) x^2
- (C) $1/x$
- (D) \sqrt{x}
- (E) x

18 If $3 \leq p \leq 10$ and $12 \leq q \leq 21$, then the difference between the largest and smallest values of $\frac{p}{q}$ is

- (A) $\frac{19}{12}$
- (B) $\frac{29}{42}$ ✓
- (C) $\frac{19}{70}$
- (D) $\frac{12}{81}$
- (E) $\frac{22}{9}$

19 In the sequence 32, 8, . . . , x , each term after the second is the average of the two terms immediately before it. The value of x is

- (A) 17 ✓
- (B) 20
- (C) 44
- (D) 24
- (E) 14

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- 20 An operation $*$ is defined by $a * b = 1 - \frac{a}{b}$, $b \neq 0$. What is the value of $(1 * 2) * (3 * 4)$?
- (A) $\frac{3}{4}$
 - (B) 4
 - (C) -1
 - (D) $\frac{1}{2}$
 - (E) 24



STOP
IF YOU FINISH BEFORE TIME IS CALLED, YOU MAY CHECK YOUR WORK ON THIS SECTION ONLY. DO NOT TURN TO ANY OTHER SECTION IN THE TEST BOOK.

SECTION C: VERBAL

Time Allowed: 25 Minutes

26 Questions

(I) Comprehension

Directions : Each passage in this sub-section is followed by questions based on its content. After reading a passage choose the best answer to each question from the five choices marked (A), (B), (C), (D) and (E). Then fill in the corresponding circle on your answer sheet.

Questions 1-10 refer to the following passage

If this is to be Asia's century, a small prerequisite is that its two rising powers rub along together. Yet recent bonding between China and India has turned to repulsion. Breathless Indian commentary talks of irreconcilable rivalry, even future conflict. As for the Chinese, few had bothered much about India. The superiority of China's economic and political (5) models was taken-as read. That makes an October editorial on the website of the People's Daily, the Communist Party mouthpiece, all the more striking.

The editorial cranked out insults not leveled in decades. India's superpower dreams, it said, might appear to be justified. But they are mingled "with the thought of hegemony". This was setting India on the road to "repeated failure". Damnable, too, was India's policy (10) of "befriending the far and attacking the near". Indian hegemony, the editorial decided, was "100% the result of British colonialism", when the Raj ruled from Pakistan to Burma. Now, the victim was trying to out-empire even the British.

After wondering where all this leaves China - past colonial victim of Jurchen, Mongol, Manchu, Western and Japanese aggression - it suggests the relationship is pretty dire. Yet, (15) although it has its problems, none seems unmanageable. Trade frictions have increased as Chinese goods have penetrated Indian markets. India has lodged more anti-dumping actions against China than has any other country. It also temporarily banned Chinese toys, citing safety concerns. India's signature last year of a nuclear cooperation pact with the United States has created distrust in China. Many Indians, for their part, see China's (20) building of roads, ports and pipelines in friendly countries around the Indian Ocean as a "string of pearls" strategy designed to choke India. They even worry about its involvement in Afghanistan. A rabid Indian press is fed by retired military officers and some serving ones. Some scaremongers are out to earn a buck from American defense contractors hunting for business. China seems to accept this. Until recently, it turned a deaf ear to most of the (25) commentary and Chinese bloggers give as good as they get.

In truth, the real problem remains the two countries' long shared border. Disputes over

the western and eastern ends have been unresolved since the bloody war in 1962. In the west, India claims Aksai Chin, a high plateau controlled by China, as part of Kashmir. In the east, China disputes the McMahon Line, agreed by British India and a Tibet then (30) under British rather than Chinese sway. The line is in effect the border today, but China claims a large chunk of the Indian state of Arunachal Pradesh, which it calls South Tibet. It includes a revered Buddhist monastery at Tawang, near the 17th-century birthplace of the sixth Dalai Lama.

1 The central idea of the passage is about:

- (A) The eternal friendship between China and India
- (B) The eternal animosity between India and China
- (C) Occasionally things going wrong between friends
- (D) Some new irritants between China and India
- (E) Chinese food is better than Indian curries

2 What evidence does the author give to support his story on the recent difficulty in the India-China relationship?

- (A) Japanese aggression
- (B) American hegemony
- (C) Pakistan's claim on Kashmir
- (D) Belligerent Indian and Chinese bloggers
- (E) Britain's role in Hong Kong

3 What does the Chinese editorial portray India as?

- (A) A good neighbor gone bad
- (B) A drain on China's economy
- (C) A future partner
- (D) A future rival
- (E) None of the above

4 The author ascribes Indian desire for hegemony to:

- (A) China's prosperity
- (B) The long border between the two countries
- (C) An attitude inherited from British imperialism
- (D) Indian classical texts
- (E) India's nuclear ambitions

- 5 The article conveys that China and India have suspicions about each other because:
- (A) China sells many goods in the Indian market
 - (B) Their athletes don't compete against each other
 - (C) They are building hostile alliances against each other
 - (D) They both share a border with Pakistan
 - (E) They dislike each other's food
- 6 What does the passage identify as the main source of the problem between China and India?
- (A) The two countries share a long disputed border
 - (B) China sells more products to India than India sells to China
 - (C) China wins more medals in the Olympics than does India
 - (D) There can be no friendship between India and China without solving the Kashmir problem
 - (E) The bloody war of 1962
- 7 As conveyed in the article, which of the following is not true in shaping many Indians' view on China?
- (A) China's involvement in Afghanistan
 - (B) China building roads and ports in friendly countries
 - (C) The rabid Indian press
 - (D) Raj rule from Pakistan to Burma
 - (E) Retired military officers
- 8 South Tibet is a place:
- (A) On the border between Pakistan and China
 - (B) Located south-west of Tibet
 - (C) That is claimed by India as one of its states
 - (D) That really belongs to Burma
 - (E) None of the above

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- 9 India is "out-empiring" even the British because:
- (A) It applies anti-dumping laws on Chinese goods
 - (B) Retired Indian army officers want to make money as contractors
 - (C) It is too friendly with America
 - (D) It befriends the far and attacks the near
 - (E) India has banned the import of Chinese toys
- 10 Why do you think the passage is about this century being Asia's century?
- (A) China is emerging as a world leader
 - (B) India is solving all its border disputes
 - (C) Communism will now reign supreme
 - (D) India and China together will emerge as world powers
 - (E) India has signed a nuclear cooperation pact with the United States

Questions 11-14 refer to the following passage

Today, as perhaps never before in history, the individual seems to be in a grave danger of being deprived of his dignity, freedom and personality from onslaughts of materialism, secularism, welfare oriented paternalism and, above all, from an unceasing flow of propaganda directed towards moulding him into a new personality attached neither to its past nor (5) committed to a morally meaningful future, but hooked only to what diverts the attention from larger human issues by titillating the earthly passions of the body. So used has contemporary man become to display of high pitched synthetic emotionalism that real tragedy and consuming love leave him cold. All sensibilities are deadened and emotions jaded by shadow play that constantly go on show, through the mass media. West is as much a victim (10) of this monstrosity as the new nations. Signs of revolt are also apparent everywhere but most of them are uncreative or destructive, like turning to occultism, mysticism or hippism. As solutions for human problem they are barren because they only prescribe retreat away from power and its tools that man has mastered. None of these solutions have a universal validity. They seek to establish an 'inwardness' by denying validity to what is 'external'.

- 11 In the above passage, which is NOT one of the dangers posed to the individual today?
- (A) Secularism
 - (B) Overbearing welfare state
 - (C) Materialism
 - (D) Lethargy
 - (E) Diversion toward insignificant issues



- 12 What is the author referring to when he says 'high pitched synthetic emotionalism' in line (7)?
- (A) A thrilling musical experience
 - (B) The visceral and relatively shallow sensibilities humans have today
 - (C) A tragic encounter
 - (D) An artificial sense of superiority
 - (E) Profound backwardness
- 13 What does the author use the term 'monstrosity' in line (10) to mean?
- (A) An undesirable phenomenon
 - (B) An evil species
 - (C) A brutal killer
 - (D) A major natural disaster
 - (E) An imaginary character
- 14 Which is NOT one of the barren (line (12)) solutions to human problems the author lists?
- (A) Hippism
 - (B) Mysticism
 - (C) Forming a political party
 - (D) Occultism
 - (E) A retreat toward 'inwardness'

(II) Sentence Correction

Directions : Some or all parts of the following sentences are underlined. The first answer choice, (A), simply repeats the underlined part of the sentence. The other four choices present four alternative ways to phrase the underlined part. Select the answer that produces the most effective sentence, one that is clear and exact, and fill in the appropriate circle on your answer sheet. In selecting your choice, be sure that it is standard written English and that it expresses the meaning of the original sentence.

- 15 Many first year students of College are unable to balance activities such as attend classes, reading assignments and to write papers.
- (A) attend classes, reading assignments and to write papers.
 - (B) attending class, read assignment and write papers.
 - (C) attending classes, reading assignment and write papers.
 - (D) attending classes, reading assignments and writing papers.
 - (E) attend class, read assignments and to write papers.

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16 Wasteful energy policies, overuse of resources, water supply shortages, global climate change, and deforestation are just some of the issues experts say needed to address for human to achieve sustainable living on this planet.

(A) needed to address for human to achieve sustainable

(B) sustainability achieved

(C) need to be addressed for humans to achieve sustainable

(D) should be achieved to underwrite mastery

(E) need to be given less importance

17 One of the things that most clearly defines the break that the new humanities representing is the attitudes to humanism.

(A) representing is the attitudes to humanism

(B) represent is the attitude to humanism ✓

(C) represent condescending the attitudes to humanism

(D) representings is the attitudes to humanitarianism

(E) representing is the human attitudes

(III) Sentence Correction

Directions : 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 the requirements of standard written English.

18 Worried about India's lowly research output, the government has doubled the salaries and

annual contingency grants of research professors in public universities. No Error

(C)

(D)

(E)

19 Noam Chomsky, the world's leading dissident intellectuals, has warned the grievances exploited

by far-right extremists need to be taken seriously by their left-wing opponents. No Error

(C)

(D)

(E)

20 Hundreds of former military draftees are making a provocative offers to Chile's government:
 (A) (B)
 They will reveal details of crimes committed by Gen. Augusto Pinochet's dictatorship - but
 (C)
 only if their safety is guaranteed. No Error
 (D) (E)

21 Arab U.N. delegates circulated a draft resolution that would require Secretary-General
 (A) (B)
 Ban Ki-moon to bring a U.N. report allege war crimes in the Gaza Strip before the
 (C)
Security Council. No Error
 (D) (E)

22 As civilized people across the world breathed a sigh of relief to see the back of former US presi-
 (A) (B)
 dent George W. Bush, top American intellectually Noam Chomsky warned against assuming or
 (C)
 expecting significant changes in the basis of Washington's foreign policy under President Barack
 (D)
 Obama. No Error
 (E)

(IV) Sentence Correction

Directions : Each one of the choices lettered (A) through (E) presents an alternative way to phrase a sentence. Select the answer that contains no grammatical errors, and blacken the appropriate circle on your answer sheet.

- 23 (A) Adjuncts don't make much money, but for many, the time spent with students makes it all worthwhile.
 (B) Adjunct don't makes much money, but for many, the time spent with students makes it all worthwhile.
 (C) Adjuncts don't make much monies, but for many, the time spent with students makes it all worthwhile.
 (D) Adjuncts don't make much money, but for much, the time spent with students makes it all worthwhile.
 (E) Adjuncts don't make much money, but for many, the times spend with students makes it all worthwhile.

C C C C C C C C C

- 24 (A) The number of young women - and men - being killed or assaulted after supposedly bring shames on their families keeps on rising.
- (B) The number of young women - and men - being kill or assault after supposedly bringing sharne on their families keeps on rising.
- (C) The number of young women - and man - being killed or assaulted after supposedly bringing sharne on their families keeps on rising.
- (D) The numbers of young woman - and men - being killed or assaulted after supposedly bringing shame on their families keeps on rising.
- (E) The number of young women - and men - being killed or assaulted after supposedly bringing shame on their families keeps on rising.

- 25 (A) Russia's votes to endorses the Goldstone Gaza report in the United Nations Human Rights Council was an important, milestone event both for Palestine and for Russia.
- (B) Russia's vote to endorse the Goldstone Gaza report in the United Nations Human Rights Council was an important, milestone event both for Palestine and for Russia.
- (C) Russia's vote to endorse the Goldstone Gaza reports in the United Nations Human Right Council was an important, milestone event both for Palestine and for Russia.
- (D) Russia's vote to endorse the Goldstone Gaza report in the United Nations Human Rights Councils were an important, milestone event both for Palestine and for Russia.
- (E) Russia's vote to endorse the Goldstone Gaza report in the United Nations Human Rights Council was an importantly, milestone events both for Palestine and for Russia.

- 26 (A) In Pakistan, approximately 30% of the 18,000 known leprosy patients have dropped out of their treatment programs.
- (B) In Pakistan, approximately 30% of the 18,000 known leprosy patient have dropped out of their treatment programs.
- (C) In Pakistan, approximately 30% of the 18,000 known leprosy patients has dropped out of their treatment programs.
- (D) In Pakistan, approximately 30% of the 18,000 known leprosy patients have dropped out of his treatment programs.
- (E) In Pakistan, approximately 30% of the 18,000 known leprosy patients have dropped out of their treatment programming.

STOP

IF YOU FINISH BEFORE TIME IS CALLED, YOU MAY CHECK YOUR WORK ON THIS SECTION ONLY. DO NOT TURN TO ANY OTHER SECTION IN THE TEST BOOK.

SECTION D: VERBAL

Time Allowed: 25 Minutes

28 Questions

(I) Comprehension

Directions : Each passage in this sub-section is followed by questions based on its content. After reading a passage choose the best answer to each question from the five choices marked (A), (B), (C), (D) and (E). Then fill in the corresponding circle on your answer sheet.

Questions 1-5 refer to the following passage

The sand that carpeted the rough ground of the savanna was being blown from the wind that picked up, resembling swarms of bees suddenly erupting out of a beehive. One herd of elephants was just loafing about, some with their trunks hanging down sweeping the floor, others just sniffing about. The infants who were just learning to suck were happily gathered (5) around the waterhole, squirting their friends with cascades of water from their trunks.

When the sandstorm reached them they sought shelter, huddling together in a large cave not far from where they had been standing. The loving creatures warmed each other by keeping close together, babies in the middle and males on the outside. Each elephant was worried for the younger, weaker elephant further inside the cave, but, when it came to the (10) infants with their childlike innocence, they thought it was a game. When darkness fell and they became less interested in their newfound game, the infants promptly fell asleep in the dull-lighted cave, leaving the work to the more mature elephants.

After a long night, the sun came out and beamed down on the land, warming the sands below. The elephants decided it was finally safe to leave the cave. One mother went over (15) to her infant, and with a delicate rub of her trunk awoke her baby as a man would polish gold. This was more than gold to the mother, her baby was life for her. When her little boy's innocent black eyes opened with their usual intelligent twinkle, the mother seemed to let out a sigh of relief. The little boy got up and caressed his mother's face with his short trunk. When everybody was awake, the first male stepped into the light of the savanna, (20) but something went wrong.

There was bloodcurdling trumpeting from the male's trunk, then a deadly gunshot meeting its target at the heart of the unfortunate male. The mother and son at the back of the cave huddled in a dark corner, covering their big ears as best they could from the sound of the deathly bullets and the trumpeting war cries of the elephants. The battle continued and (25) then suddenly everything fell silent.

D D D D D D D D D

Footsteps coming toward them echoed through the cave. The mother gently put her precious boy down and stood still. The poacher saw their hiding spot but was still a good twenty feet away. Out of the corner of his evil beady eyes, he discovered them and turned to face his victims. Evil eyes met terrified eyes as the poacher saw the protective mother. Then with (30) a smirk of contempt he lifted his gun to face her head. The mother let out a war cry more powerful than an avalanche of boulders, while charging at him with the speed of a cheetah and the ferocity of a bear. The poacher jumped and fired at the same time, throwing his aim. The shot hit her on the centre of the shoulder. The wound gushed with blood but the mother persisted. Her nostrils flared with anger at the end of her trunk, and her eyes (35) flashed like two hot pieces of coal. Her hard tusks met their target, and with a groan the poacher slumped to the ground.

- 1 In paragraph 1, line (3) the phrase 'loafing about' means
(A) roaring about (B) laughing about (C) wandering around
(D) working around (E) joking around

- 2 The part of the sentence "... babies in the middle, and the males on the outside" in line (8) was in response to
(A) the babies desire to be protected (B) the males desire to be protected
(C) the males desire to protect themselves (D) the babies desire to protect themselves
(E) the males desire to protect their babies

- 3 In paragraph 3, line (13) "After a long night, the sun came out and beamed down on the land ...", means
(A) the sun looked down (B) the sun shone finally
(C) the sun shone partially (D) the sun shone intermittently
(E) the sun did not shine

- 4 What do you think, in line (21), "There was a bloodcurdling trumpeting from the male's trunk ..." means?
(A) the male sensed danger (B) the female had been hit
(C) the baby had been hit (D) the family had sensed danger
(E) the male had been hit

- 5 What had happened when, in lines (35) to (36), "with a groan, the poacher slumped to the ground."?
- (A) the poacher stooped down to pick up something
- (B) the poacher was hit by a bullet
- (C) the poacher was attacked by the mother
- (D) the poacher was in pain and dropped dead
- (E) the poacher lay down to avoid the mother

(II) Sentence Completion

Directions : For each question in this sub-section select the letter corresponding to the word or pair of words from the given choices which best completes the sentence. Then fill in the corresponding circle on your answer sheet.

- 6 Perhaps one's greatest _____ is not realizing one's own _____.
- (A) problem ... goodwill (E) advantage ... recklessness
- (C) ability ... capability (D) weakness ... power
- (E) evil ... mentality
- 7 When semester exams _____ in colleges and universities, _____ begin to mount and warning bells ring in the heads of many students.
- (A) end ... headaches (B) arrives ... nervousness (C) begin ... relaxation
- (D) approach ... tensions (E) starts ... worries
- 8 The year 2008 ended in financial _____ and economic _____.
- (A) stability ... upturn (B) meltdown ... boom
- (C) volume ... fluid (D) destruction ... construction
- (E) volatility ... gloom
- 9 'I denounce the scholarship of European _____', CLR James once wrote, 'But I respect the learning and _____ discoveries of Western civilization.'
- (A) enlightenment ... cruel (B) colonialism ... profound
- (C) mind ... teaching (D) imperialism ... righteous
- (E) powers ... empowered

D D D D D D D D D

- 10 With their pea-sized brains and giant bodies, dinosaurs became a symbol of lumbering stupidity; their extinction seemed only to _____ their _____ design.
(A) betray ... fundamental (B) hypothesis ... incongruous
(C) invalidate ... conscious (D) embody ... ultimate
(E) confirm ... flawed
- 11 For years doctors believed that vitamin D, sometimes called the 'sunshine vitamin' because sunlight _____ the body to produce it, was important primarily in _____ rickets in children.
(A) triggers ... preventing (B) blocks ... presenting (C) helps ... developing
(D) pushes ... increasing (E) activates ... strengthening
- 12 In practice all communication within a given community _____ interaction between the basic linguistic system and the pragmatic system.
(A) entails (B) starts (C) absolves
(D) projects (E) communicates
- 13 _____ is a tough war to fight that has been made even more difficult by the easy availability of modern technology to _____.
(A) Civil war ... insurgents (B) Counter-insurgency ... insurgents
(C) Counter-insurgency ... government (D) Resistance ... militants
(E) Revolution ... revolutionaries

(III) Sentence Correction

Directions : Some or all parts of the following sentences are underlined. The first answer choice, (A), simply repeats the underlined part of the sentence. The other four choices present four alternative ways to phrase the underlined part. Select the answer that produces the most effective sentence, one that is clear and exact, and fill in the appropriate circle on your answer sheet. In selecting your choice, be sure that it is standard written English and that it expresses the meaning of the original sentence.

- 14 The Alfalah building on Mall Road is more higher than Shah Din Building.
(A) more higher (B) highest (C) high
(D) higher (E) most highest

15 Under the Right to Information Law, every privately citizen are entitled to obtain information from any government department, state corporation or even a private company details of any contract, transaction, tender or any other matter which may affect the public interest.

- (A) every privately citizen are entitled to obtain information
- (B) every private citizen are entitling to obtain information
- (C) every privately citizen are entitled to obtains informations
- (D) every private citizen is entitled to obtain information
- (E) every private citizens are entitled to obtain information

16 Animals will make extraordinarily and often mysterious ordinary expedition to find a good meal and the perfect place to raise a family.

- (A) extraordinarily and often mysterious ordinary expedition
- (B) extraordinary but uneventfully short flights
- (C) extraordinary long jumps
- (D) extraordinary and often mysterious expeditions
- (E) extraordinary but eventually futile journeys

17 The Supreme Court order to private bus operators to ensure that ticketing machines and uniforms are used by the conductors and drivers when discharging their duties, had the relative rare distinctions of being received favorably by all stakeholders.

- (A) relative rare distinctions of being received
- (B) relatively rare distinctions of being receive
- (C) relative rare distinctions have being receive
- (D) relatives rare distinctions of been received
- (E) relatively rare distinction of being received

D D D D D D D D D

18 Zoo-Goers who glanced up into the atrium often notice birds nesting on the swings which were being studied by the zoo staff.

- (A) notice birds nesting on the swings which were being studied by the zoo staff
- (B) notice that birds, whose behavior was being studied by the zoo staff, are nesting on the swings.
- (C) noticed that birds, whose behavior was being studied by the zoo staff were nesting on the swings.
- (D) noticed that birds, with the behavior that was being studied by the zoo staff, were nesting on the swings.
- (E) notice birds nesting on the swings, whose behavior was being studied by the zoo staff.

(IV) Sentence Correction

Directions : Each one of the choices lettered (A) through (E) presents an alternative way to phrase a sentence. Select the answer that contains no grammatical errors, and blacken the appropriate circle on your answer sheet.

- 19 (A) A nasty worm has wriggled into millions of computers and continues to spread, leaving security experts wondering whether the attack is a harbinger of evils deed to come.
- (B) A nasty worm has wriggle to millions of computers and continues to spread, leaving security experts wondering whether the attack is a harbinger of evil deeds to come.
- (C) A nasty worm has wriggled into millions of computers and continues to spread, leave security experts wonder whether the attack is a harbinger of evil deeds to come.
- (D) A nasty worm has wriggled into millions of computers and continues to spread, leaving security experts wondering whether the attacking is a harbinger of evil deeds to coming.
- (E) A nasty worm has wriggled into millions of computers and continues to spread, leaving security experts wondering whether the attack is a harbinger of evil deeds to come.

- 20 (A) We sit in front of a crackling bonfire in the courtyard, watching the embers and talking among ourselves in the subdued way that people do when they speaking of the recently-dead.
- (B) We sat in front of a crackling bonfire in the courtyard, watching the embers and talking among ourselves in the subdue way that people does when they speak of the recently-dead.
- (C) We sat in frontier of a crackling bonfire in the courtyard, watch the embers and talking among ourselves in the subdued way that people do when they speak of the recently-dead.
- (D) We sat in front of a crackling bonfire in the courtyard, watching the embers and talk among ourselves in the subdued way that peoples do when they speak of the recently-dead.
- (E) We sat in front of a crackling bonfire in the courtyard, watching the embers and talking among ourselves in the subdued way that people do when they speak of the recently-dead.

- 21 (A) A texting message may seems a mundane way of communicating but in the hands of Ajmal Masroor it is truly radical.
- (B) A text message may seem a mundane ways of communicate but in the hands of Ajmal Masroor it is truly radical.
- (C) A text message may seem a mundane way of communicating but in the handling of Ajmal Masroor it is truly radical.
- (D) A text message may seem a mundane way of communicating but in the hands of Ajmal Masroor it is truly radical.
- (E) A text message may seems a mundane way of communicating but in the hands of Ajmal Masroor it is true radical.

- 22 (A) God moves in a mysterious way, but one which seems increasingly important in the modern world.
- (B) God move in a mysterious way, but one which seems increasingly important in the modern world.
- (C) God moves in a mysterious way, but one which seems increase important in the modern world.
- (D) God moves in a mysterious way, but one which seems increasingly importantantly in the modern world.
- (E) Cod moves in a mysterious ways, but one which seems increasingly important in the modern worlds.

D D D D D D D D D

- 23 (A) Border are often spaces of secrecy and violence: locations where liberal normative notions such as 'security' and 'sovereignty' are naked exposed as processes of regulation and control.
- (B) Borders are often spaces of secrecy and violence: locations where liberal normative notions such as 'security' and 'sovereignty' are nakedly exposed as processes of regulation and control.
- (C) Borders are often spaces of secrecy and violence: location where liberal normatives notions such as 'security' and 'sovereignty' are nakedly exposed as processes of regulation and control.
- (D) Borders are often spaces of secrecy and violence: locations where liberally normative notion such as 'security' and 'sovereignty' is nakedly exposed as processes of regulation and control.
- (E) Border are often space of secrecy and violence: location where liberal normative notions such as 'security' and 'sovereignty' is nakedly exposed as process of regulations and controls.

(V) Sentence Correction

Directions : 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 the requirements of standard written English.

- 24 Hamid Karzai condemn a U.S. operation he said killed 16 Afghan civilians, while hundreds of villagers denounced the American military during an angry demonstration. No Error
- (A) (B) (C) (D) (E)
- 25 The old man adjusts the bandage on his head, looks about and beams widely at all present. No Error
- (A) (B) (C) (D) (E)
- 26 Al-Jazeera's graphics response to CNN-style "bloodless war journalism" is a stinging rebuke to the way people now see and talk about war in the world. No Error
- (A) (B) (C) (D) (E)

D D D D D D D D D

27 The nexus of the mother daughter relationship is significant in the transmission of social norms and practices for the daughter to adopt and perform the gender appropriate roles. No Error
(A) (B)
(C) (D) (E)

28 Genocide study suffer from several defects that compromise the systematic study of its origins, the dynamic processes by which it is produced, contained, or prevented. No Error
(A) (B)
(C) (D) (E)

STOP
IF YOU FINISH BEFORE TIME IS CALLED, YOU MAY CHECK YOUR WORK ON THIS SECTION ONLY. DO NOT TURN TO ANY OTHER SECTION IN THE TEST BOOK.

SECTION E: MATHEMATICS

Time Allowed: 25 Minutes

14 Questions

Directions : For each question in this section, read the five choices marked (A), (B), (C), (D) and (E) in your test book. Select the letter of the choice, which you consider is the correct answer. Then fill in the corresponding circle on your answer sheet.

1 The average of four test marks was 60. The first three marks were 30, 55 and 65. What was the fourth mark?

- (A) 40
- (B) 55
- (C) 60
- (D) 70
- (E) 90

2 If 10% of 400 is decreased by 25, the result is

- (A) 15
- (B) 37.5
- (C) 65
- (D) 260
- (E) 3975

3 35.5 kg of rice need to be put into small bags that hold 0.5 kg. How many bags are required?

- (A) 36
- (B) 18
- (C) 53
- (D) 70
- (E) 71

- 4 A sweets shop makes a certain sweet. The recipe requires that 25g of butter be added to every 125g of flour. Suppose that 1200g of butter and flour were used. Of the 1200g, how many were of butter?
- (A) 100g
 (B) 500g
 (C) 200g
 (D) 300g
 (E) 400g

- 5 During an athletic contest, Muneeza threw a javelin three times. Her longest throw was 43 metres and the three throws averaged 37 metres. If the other two throws were the same length, the length, in metres, of each was
- (A) 31
 (B) 37
 (C) 35
 (D) 34
 (E) 36

- 6 Rustam and Haris share a pizza. Rustam ate $\frac{2}{5}$ of the pizza. Haris ate half as much as Rustam. What percentage of the pizza was left?
- (A) 20
 (B) 30
 (C) 40
 (D) 50
 (E) 60

- 7 If $\sqrt{5+11-7} = \sqrt{5+11} - \sqrt{x}$, then the value of x is
- (A) 1
 (B) 7
 (C) -7
 (D) 49
 (E) 4

8 If the sales tax rate were to increase from 15 percent to 15.5 percent, then the tax on a Rs. 1000 item would increase by Rs.

- (A) 155.00
- (B) 5.00
- (C) 0.5
- (D) 0.05
- (E) 15.50

9 What is the maximum number of rectangular wooden blocks with dimensions $20\text{cm} \times 30\text{cm} \times 40\text{cm}$ that could fit into a rectangular box with inner dimensions $40\text{cm} \times 60\text{cm} \times 80\text{cm}$?

- (A) 2
- (B) 4
- (C) 10
- (D) 8
- (E) 6

10 When a positive integer N is divided by 60, the remainder is 49. When N is divided by 15, the remainder is

- (A) 0
- (B) 3
- (C) 4
- (D) 5
- (E) 8

11 It takes someone one hour to drive the 59 km from home to office. The drive requires 20 minutes on the Motorway and 40 minutes on city roads. If the average speed in the city is roads is 45 km/h, the average speed, in km/h, on the highway is

- (A) 42
- (B) 59
- (C) 87
- (D) 90
- (E) 100

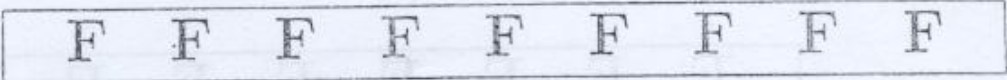
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- 12 Consider a circle. Ten distinct points are marked on the circle. How many different line segments can be drawn by joining any two of the points marked on the circle?
- (A) 9
 - (B) 45
 - (C) 17
 - (D) 66
 - (E) 55

- 13 Danial's age is one-ninth of his father's age. One year from now, his father's age will be seven times Danial's age. The difference between their ages in years is
- (A) 24
 - (B) 25
 - (C) 26
 - (D) 27
 - (E) 28

- 14 There are a certain number of red balls, green balls and blue balls in a bag. Of the balls in the bag, $\frac{1}{3}$ are red and $\frac{2}{7}$ are blue. The number of green balls in the bag is 8 less than twice the number of blue balls. The number of green balls in the bag is
- (A) 12
 - (B) 16
 - (C) 20
 - (D) 24
 - (E) 28

STOP
IF YOU ARE CALLED, YOU MAY CHECK YOUR WORK ON THIS SECTION
DO NOT RETURN TO ANY OTHER SECTION IN THE TEST BOOK.



SECTION F: VERBAL

Time Allowed: 25 Minutes

30 Questions

(I) Comprehension

Directions : Each passage in this sub-section is followed by questions based on its content. After reading a passage choose the best answer to each question from the five choices marked (A), (B), (C), (D) and (E). Then fill in the corresponding circle on your answer sheet.

Questions 1-5 refer to the following passage

An increase in fuel costs may seem inevitable given that international oil prices are skyrocketing. But there is an alternative. This paper reported yesterday that the government collected over Rs25bn in taxes on petroleum products in the first five months of the current fiscal year. If the government chooses to forego part of these taxes, the proposed 15 per cent price hike could be offset. Ostensibly an allowance for covering transportation costs, IFEM on high octane rose by nearly 200 per cent between September and November 2007, while that on petrol decreased by about 40 per cent in the same period. This doesn't make sense.

It is common knowledge that a rise in fuel prices triggers inflation across the board. When diesel and petrol become more expensive, transportation costs swell and lead to an increase in the prices of everything from essentials like vegetables and other food items to basic consumer durables.

It is also high time to revisit the initiatives announced in 2005 and 2006, allegedly scuppered on both occasions by the oil marketing companies, to introduce a ten per cent ethanol mix in fuel consumed locally. The production facilities are already in place and the savings on the fuel bill could be enormous. For once it is hard not to sympathise with the sugar barons. At great expense, they invested in the required infrastructure and set up ethanol distilleries after being assured by the government that the fuel-mix project would indeed go ahead. All these efforts have been in vain despite many an official pledge.

(20) (Dawn News: Editorial, Nov 29, 2007)

F F F F F F F F F

- 1 The author of the passage would most likely agree with which of the following statements:
- (A) Increased prices of Oil will have no discernible effect on the economy.
 - (B) The government should search out alternatives to increasing the price of oil.
 - (C) The government has done everything in its power to maintain oil prices.
 - (D) Sugar barons were correct all along in avoiding oil in favor of ethanol.
 - (E) The government can not afford to lose any money when it comes to oil prices.
- 2 In the third paragraph, it is likely that the author feels that:
- (A) The oil companies cannot be blamed for the increase in oil prices.
 - (B) Sugar barons should be encouraged to work with the oil companies.
 - (C) The government should begin production of oil substitutes, like ethanol.
 - (D) The oil companies are partially to blame for the impending price hike.
 - (E) With the price hike imminent, it is too late to explore the ethanol option.
- 3 The attitude of the author towards this issue of oil price hike is of:
- (A) Despair
 - (B) Critical
 - (C) Celebration
 - (D) Dismission
 - (E) Acquiescence
- 4 As used in line (5), "ostensibly" most nearly means:
- (A) In reality
 - (B) With reasonable doubt
 - (C) Surprisingly
 - (D) Unfairly
 - (E) Presumably
- 5 The author believes what is common knowledge about fuel prices:
- (A) Are most often effected by the economy.
 - (B) Increase in oil prices is linked to diesel prices.
 - (C) Increase in oil prices will lead to an increase in the prices of food.
 - (D) Increase in prices will force manufacturers to increase production.
 - (E) Increase in prices will least affect the poor, since they have no vehicles.

(II) Sentence Completion

Directions : For each question in this sub-section select the letter corresponding to the word or pair of words from the given choices which best completes the sentence. Then fill in the corresponding circle on your answer sheet.

6 Many parents would _____ to be able to give their teenagers a cell phone that couldn't be used while _____.

- (A) disagree ... walking (B) allow ... riding (C) hate ... smoking
(D) love ... driving (E) happily ... talking

7 The man had not changed much since his first _____ fifteen years ago. Perhaps the only _____ difference was his attire: instead of the commando uniform, this time he was soberly clad in a black tuxedo.

- (A) performance ... invisible (B) appearance ... visible (C) show ... real
(D) notice ... unnoticeable (E) arrival ... expected

8 In this seminar we ask how _____ between the peoples of Africa, Asia, and Europe _____ modern history.

- (A) interactions ... shaped (B) relations ... spoiled (C) contacts ... confused
(D) wars ... made (E) meetings ... subverted

9 Information technologies have improved dramatically in the last decade, _____ the potential of digital games to create realistic and engaging environments where players use different _____ approaches to solve problems, such as, thinking outside of the box, collaborating in groups and searching for information.

- (A) enhancing ... cognitive (B) improving ... aggressive
(C) reducing ... creative (D) cutting down ... descriptive
(E) enlivening ... destructive

10 Typically, the plot of a good novel begins by _____ a sympathetic character who wrestles with a _____ problem.

- (A) undermining ... difficult (B) confronting ... healthy
(C) initiating ... unreasonable (D) displacing ... simple
(E) introducing ... thorny

F F F F F F F F F

11 "In my opinion, Phoenix Wright is _____ and _____ than most TV made for adults."

- (A) funny ... clever (B) smarter ... brainy (C) funnier ... droll
(D) funnier ... clever (E) funnier ... smarter

12 The direct benefits of fair trade vary considerably according to the status of the farmer. In Nicaragua, we found that when fair trade _____ on small-scale producers, it fails to reach the poorest sector of the population, namely the unemployed coffee-plantation workers, who have been _____ in their hundreds following the fall in coffee prices.

- (A) focuses ... laid-off (B) establishes ... freed (C) builds ... benefiting
(D) grows ... prosperous (E) thrives ... fired

13 _____ that the company would keep the data secret and _____ to monopolize it by patenting genes, the publicly funded researchers redoubled their efforts.

- (A) Fearing ... attempting (B) Fearing ... attempt (C) Fear ... attempting
(D) Knowing ... attempting (E) Fear ... seeking

14 Although several details of the hypothesis are open to criticism, its general conclusion has not been _____.

- (A) refuted (B) determined (C) corroborated
(D) disregarded (E) approximated

15 _____ statistics and engineering _____ were not the only things drawing attention to the human genome effort in recent months.

- (A) Astounding ... feat (B) Overwhelming ... accomplishment
(C) Staggering ... feats (D) Confounding ... achievements
(E) Irrelevant ... failures

(III) Sentence Correction

Directions : Some or all parts of the following sentences are underlined. The first answer choice, (A), simply repeats the underlined part of the sentence. The other four choices present four alternative ways to phrase the underlined part. Select the answer that produces the most effective sentence, one that is clear and exact, and fill in the appropriate circle on your answer sheet. In selecting your choice, be sure that it is standard written English and that it expresses the meaning of the original sentence.

- 16 Teachers and students alike both alike agree that something should be done about the rise in examination malpractice incidents.
- (A) alike agree that something should be done about the rise in examination malpractice incidents
 - (B) both agree that something should be done about the increasing rise in examination malpractice incidents
 - (C) agree that something should be done about the rise in examination malpractice incidents, which are increasing
 - (D) agree that something should be done about the rise in the number of examination malpractice incidents
 - (E) alike agree that something should be done about the rise in the number of examinations malpractises
- 17 Human resource professionals need to realize that current performance can only be part of an inputs to succession planning and promoting but not the only input.
- (A) inputs to succession planning and promoting
 - (B) outputs to succession planning and promoting
 - (C) inputs to session planning and promote
 - (D) input to succession planning and promotion
 - (E) successful planning and promoting
- 18 The scientological essence under astrology may have its roots in astronomy but one should not confuse these two disciplines.
- (A) scientological essence under astrology may have its roots in astronomy
 - (B) scientific knowledge of astrological charts may be permeated with astrological charts
 - (C) science community knows that astrology and astronomy are the same
 - (D) scientific research may likes astrology and astronomy
 - (E) science behind astrology may have its roots in astronomy

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19 Steel-fisted Merrill Lynch CEO Stan O'Neal slasher costs with grimly resolve, hacking 24,000 employees from the payroll, shutting 300 offices, and making himself one of the least-loved CEOs in Wall Street history.

- (A) slasher costs with grimly resolve
- (B) slashing cost with happy resolve
- (C) slashed costs with grim resolve
- (D) grimly resolve in cost slashings
- (E) unintentional grim cost slash

20 Within the fields of both migration and refugee studies, out migration has traditionally been of far more interest to scholars and the international community than return migration.

- (A) traditionally been of far more interest
- (B) traditionally of far more interest
- (C) in tradition of interest
- (D) interesting tradition
- (E) traditionally more or less interesting

21 "If nothing has been done toward rectifying these instructions of principles of operation, you will be reported to Headquarters"

- (A) rectifying these instructions of principles
- (B) amplifying these instructions of principles
- (C) mystifying these instructions of principles
- (D) rectifying these instructions of principals
- (E) glorifying these instructions of principles

22 One of the most rapidly growing disciplines in critical and cultural studies over the last ten years has been visual cultures.

- (A) rapidly growing disciplines in critical and cultural studies
- (B) rapid growing disciplines in critical and cultural studies
- (C) rapidly growing disciplines in critical and cultural study
- (D) rapidly growing disciplinarian in critical and cultural studies
- (E) rapidly grow disciplines in critical and cultural studies

23 Folk Dancing has a long illustrious history, and is especially popular among the masses.

- (A) and is especially popular among the masses
- (B) especially popular among the masses
- (C) popular among the masses
- (D) popular among the masses
- (E) it is especially popular among the masses

24 Fish and chips is usual to be considered a cheap meal.

- (A) is usual to be considered a cheap meal. (B) are usually considered a cheap meal.
- (C) is usually considered a cheap meal. (D) are usually considered a cheap meal.
- (E) is usually considered a cheap meal.

25 In order to maintain the current level of funding for infrastructure, though impressive, has not resulted in the continuation of financial backing for the coming year.

- (A) In order to maintain the current level of funding for infrastructure, though impressive
- (B) Although maintaining the current level of funding for infrastructure, though impressive
- (C) Maintaining the current level of funding for infrastructure, though an impressive event
- (D) The impressive attempts to maintain the current level of funding for infrastructure
- (E) Attempts to maintain the level of funding for infrastructure currently, though impressive

(IV) Sentence Correction

Directions : 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 the requirements of standard written English.

26 Generating energy from fossil fuels is both expensive and harmful to the

- (A) environment. No Error
- (B)
- (C)
- (D)
- (E)

SECTION G: MATHEMATICS

Time Allowed: 25 Minutes

15 Questions

Directions : For each question in this section, read the five choices marked (A), (B), (C), (D) and (E) in your test book. Select the letter of the choice, which you consider is the correct answer. Then fill in the corresponding circle on your answer sheet.

1 Which one of the following gives an odd integer?

(A) 6×6

(B) $23-17$

(C) 9×24

(D) $96 \div 28$

(E) 9×41 ✓

2 The lengths of the three sides of a triangle are 7, $x+4$ and $2x+1$. The perimeter of the triangle is 36. What is the length of the longest side of the triangle?

(A) 7

(B) 12

(C) 17 ✓

(D) 15

(E) 16

3 Kamila's salary was reduced by 10%. She was later promoted and her salary was increased by 10%. If her original salary was Rs 20,000, what is her current salary?

(A) Rs 16,200

(B) Rs 19,800 ✓

(C) Rs 20,000

(D) Rs 20,500

(E) Rs 24,000

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4 The sum of seven consecutive integers is 77. The smallest of these integers is.

- (A) 5
- (B) 7
- (C) 8 ✓
- (D) 11
- (E) 14

5 At a stall in the bazaar, the ratio of the number of apples to the number of oranges is 1:4, and the ratio of the number of oranges to the number of lemons is 5:2. What is the ratio of the number of apples to the number of lemons?

- (A) 1:2
- (B) 4:5
- (C) 5:8 ✓
- (D) 20:8
- (E) 2:1

6 The choice that is closest to $2/5 + 2/25$

- (A) 0.133
- (B) 0.6
- (C) 0.48 ✓
- (D) 0.408
- (E) 0.048

7 Suppose that there are 100 stocks traded on the Karachi Stock Exchange. Of these, 17 showed gains yesterday. Which one of the following is closest to the fraction of stocks that showed gains?

- (A) $1/4$
- (B) $1/5$
- (C) $1/6$ ✓
- (D) $1/7$
- (E) $1/8$

- 8 Danial scored a total of 252 points in 28 basketball games. Rustam played 10 fewer games than Danial. His scoring average was 0.5 points per game higher than Danial's scoring average. How many points, in total, did Rustam score?
- (A) 153
(B) 171
(C) 180
(D) 266
(E) 144
- 9 The product of a positive number, its square, and its reciprocal is $\frac{100}{81}$. What is the number?
- (A) $81/100$
(B) $100/81$
(C) $9/10$
(D) $10/9$
(E) $10000/6561$
- 10 The greatest number of Fridays that can occur in 45 consecutive days is
- (A) 5
(B) 6
(C) 7
(D) 8
(E) 9
- 11 The digits 1, 2, 3, 4 can be arranged to form twenty-four different four digit numbers. If these twenty-four numbers are then listed from smallest to largest, in what position is 3142?
- (A) 13th
(B) 14th
(C) 15th
(D) 16th
(E) 17th

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12 At Lugubrious University in Upper Slobovia, there are 10,000 students, and there are as many male students as female students. Each student is enrolled either in the Arts program or Science program (but not in both); 60% of the students are in the Arts program. Also, 40% of the Science students are male. To the nearest percent, what percentage of the Arts students are female?

- (A) 50%
- (B) 52%
- (C) 26%
- (D) 65%
- (E) 43%

13 $\frac{2^0}{2^1} + \frac{2^1}{2^2} + \frac{2^2}{2^3} + \dots + \frac{2^{2002}}{2^{2003}} + \frac{2^{2003}}{2^{2004}}$ is equal to

- (A) 1002
- (B) 501
- (C) $\frac{1}{2^{2004}}$
- (D) 2004
- (E) $\frac{2004}{2^{2004}}$

14 If x is a positive integer less than 100, how many values of x make $\sqrt{1+2+3+\dots+4+x}$ an integer?

- (A) 6
- (B) 7
- (C) 8
- (D) 9
- (E) 10