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阅读原文

https://www.100test.com/kao_ti2020/124/2021_2022_GRE_E6_9C_80_E6_96_B0_E7_c86_124080.htm 24. Which of the following

statements would best serve as an introduction to the passage? (A)

(A) The assumption that the knowledge incorporated in technological developments must be derived from science ignores the many non-scientific decisions made by technologists. (B) Analytical thought is no longer a vital component in the success of technological development. (C) As knowledge of technology has increased, the tendency has been to lose sight of the important role played by scientific thought in making decisions about form, arrangement, and texture. (D) A movement in engineering colleges toward a technicians degree reflects a demand for graduates who have the nonverbal reasoning ability that was once common among engineers. (E) A technologist thinking about a machine, reasoning through the successive steps in a dynamic process, can actually turn the machine over mentally. 25. The author calls the predicament faced by the Historic American Engineering Record

“paradoxical” (lines 36-37) most probably because (A) the publication needed drawings that its own staff could not make (B) architectural schools offered but did not require engineering design courses for their students (C) college students were qualified to make the drawings while practicing engineers were not (D) the drawings needed were so complicated that even students in architectural schools had difficulty making them. (E)

engineering students were not trained to make the type of drawings needed to record the development of their own discipline

26. According to the passage , random failures in automatic control systems are “ not merely trivial aberrations “ (lines 53) because (A) automatic control systems are designed by engineers who have little practical experience in the field (B) the failures are characteristic of systems designed by engineers relying too heavily on concepts in mathematics (C) the failures occur too often to be taken lightly (D) designers of automatic control systems have too little training in the analysis of mechanical difficulties (E) designers of automatic control systems need more help from scientists who have a better understanding of the analytical problems to be solved before such systems can work efficiently

27. The author uses the example of the early models of high-speed railroad cars primarily to (A) weaken the argument that modern engineering systems have major defects because of an absence of design courses in engineering curricula (B) support the thesis that the number of errors in modern engineering systems is likely to increase (C) illustrate the idea that courses in design are the most effective means for reducing the cost of designing engineering systems (D) support the contention that a lack of attention to the nonscientific aspects of design results in poor conceptualization by engineers (E) weaken the proposition that mathematics is a necessary part of the study of design

28. IGNITE : (A) amplify (B) douse (C) obscure (D) blemish (E) replicate

29. MUTATE : (A) recede (B) grow larger (C) link together (D) remain the

same (E) decrease in speed 100Test 下载频道开通，各类考试
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