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«علم و تحقیق، کلید پیشرفت کشور است.»
مقام معظم رهبری

جمهوری اسلامی ایران
وزارت علوم، تحقیقات و فناوری
سازمان سنجش آموزش کشور

آزمون ورودی دوره‌های دکتری (نیمه‌متمرکز) ـ سال ۱۴۰۵
زبان انگلیسی ـ عمومی

تعداد سؤال: ۴۰ سؤال

مدت‌زمان پاسخ‌گویی: ۴۰ دقیقه

عنوان مواد امتحانی، تعداد و شماره سؤال‌ها

ردیف	مواد امتحانی	تعداد سؤال	از شماره	تا شماره
۱	زبان انگلیسی ـ عمومی	۴۰	۱	۴۰

این آزمون نمره منفی دارد.

استفاده از ماشین‌حساب مجاز نیست.

حق چاپ، تکثیر و انتشار سؤالات به هر روش (الکترونیکی و...) پس از برگزاری آزمون، برای تمامی اشخاص حقیقی و حقوقی تنها با مجوز این سازمان مجاز می‌باشد و با متخلفین برابر مقررات رفتار می‌شود.

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* داوطلب گرامی، عدم درج مشخصات و امضا در مندرجات کادر زیر، به‌منزله عدم حضور شما در جلسه آزمون است.

اینجانب ..... با شماره داوطلبی ..... با آگاهی کامل، یکسان‌بودن شماره صندلی خود با شماره داوطلبی مندرج در بالای کارت ورود به جلسه، بالای پاسخ‌نامه و دفترچه سؤالات، نوع و کدکنترل درج‌شده بر روی جلد دفترچه سؤالات و پایین پاسخ‌نامه‌ام را تأیید می‌نمایم.

امضا:

زبان انگلیسی ـ عمومی:

PART A: Structure

Directions: Choose the answer (1), (2), (3), or (4) that best completes each sentence. Then mark the answer on your answer sheet.

1- My teacher always tells …….. that if I work hard, I can achieve anything.
1) my 2) to me 3) me 4) I

2- My roommate's cooking is so terrible that it is hardly better …….. food poisoning.
1) to 2) than 3) from 4) as

3- Discipline is remembering who you said you wanted …….. .
1) you will be 2) you be 3) to be 4) being

4- Allow yourself to move past projects that were not good enough, focusing instead …….. your accomplishments.
1) on 2) of 3) for 4) at

5- The editors did not feel my objectivity was compromised by those associations, and …….. .
1) I am neither 2) I neither do 3) neither am I 4) neither do I

6- Workers seldom take sick days and often push through illness, probably …….. low awareness of their entitlements.
1) because 2) due to 3) since 4) so as to

7- The authorities of the university had the students …….. the dormitory for unknown reasons.
1) evacuate 2) evacuated 3) to be evacuated 4) to evacuate

8- Will you please tell me when …….. to finish your M.A. thesis?
1) are you going 2) do you go
3) you are going 4) you be gone

9- The terminally-ill woman passed all her money to her grandchildren and gave her only child, ……., merely a comforting hug.
1) who is a fifty-years-old 2) who is fifty year old
3) a fifty-years-old man 4) a fifty-year-old man

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10- **No organization, …….. important, should be allowed to violate the rule of law in the name of expedience.**
1) despite 2) however 3) nevertheless 4) notwithstanding

11- **Not until the 1890s, when there was enough evidence confirming its benefits, ……... .**
1) did pasteurized milk began to be used experimentally
2) an experimental pasteurized milk began to be used
3) did an experimental use of pasteurized milk begin
4) using of experimental pasteurized milk had begun

12- **One of the moving narratives of modern history is the story of how people …….. at great personal cost, the knowledge necessary to understand their condition.**
1) who languishing under oppression, often coming to acquire,
2) who languishing under oppression, have acquired, often is
3) languishing under oppression, often having acquired,
4) languishing under oppression came to acquire, often

13- **The argument that epistemic justification can be maintained independently of the cognitive …….. once one acknowledges that the meta-theoretical commitments invoked defeat the purpose.**
1) architecture that produces it collapses 2) architectural products which collapse
3) architectures producing it collapse 4) architectures produced that collapses

14- **…….. a logophile, she reveled in the arcane obscurities of ancient language.**
1) That she was 2) Something of 3) Given that being 4) She was

PART B: Vocabulary

Directions: Choose the word or phrase (1), (2), (3), or (4) that best completes each sentence. Then mark the answer on your answer sheet.

15- **His professor said that he could directly …….. her by email whenever he wanted.**
1) send 2) contact 3) start 4) appear

16- **The issue is now quite …….. and you can easily find out the truth.**
1) sudden 2) relative 3) foreign 4) clear

17- **We are free to accept the things that help us and …….. the ones that harm us.**
1) complain 2) generate 3) reject 4) wait

18- **A scholar has recently identified the …….. behind students' enrolment in higher degree programs as well as their expectations.**
1) graduation 2) equipment 3) motivation 4) certificate

19- **Dr. Jackson's …….. from Director of Social Programming to his current post indicates his talent in this field.**
1) promotion 2) occupation 3) execution 4) realization

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20- The current plan did not work, so the court gave the government a year to work out a/an …….. solution that is satisfactory.
1) contemptible 2) deficient 3) impulsive 4) alternative

21- No matter what the result of this exam will be, remember that you have done your best and this is what really …….. .
1) earns 2) calculates 3) counts 4) regards

22- Children …….. to two languages from an early age often show enhanced cognitive flexibility and executive functioning.
1) exposed 2) vulnerable 3) indispensible 4) qualified

23- Conservatism of thought refers to the inability of a person to perceive information that …….. her own opinions, ideas, and dogmas.
1) contradicts 2) invokes 3) inspires 4) conveys

24- The quality of teacher-training courses is to be put under …….. by a government-commissioned review, after it was revealed that teachers' performance in classrooms was subpar.
1) complication 2) commendation
3) rubric 4) scrutiny

25- The Department of Health said that it did not recognize the figures, dismissing Jackson's work as a highly …….. report which is full of inconsistencies.
1) erudite 2) speculative 3) tenable 4) discreet

26- Students cannot change apartments or switch rooms at their own ……..; they should first inform the superintendent.
1) assortment 2) misgivings
3) insurgency 4) discretion

27- The agency's continued failure to provide any …….. of transparency is rightly met with legal prosecution.
1) enormity 2) invective 3) modicum 4) minority

28- It is important that we do not …….. institutions by assuming they are simply given and that they determine what we do.
1) reify 2) mollify 3) descry 4) impugn

29- Recent scholarship has focused on the …….. effect of multitasking, demonstrating that it affects concentration negatively.
1) delectable 2) deleterious
3) facetious 4) perspicacious

30- On account of her draconian approach in teaching and managing the class, students considered her to be a veritable …….. .
1) scintilla 2) martinet
3) philatelist 4) pedologist

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PART C: Reading Comprehension

Directions: Read the following two passages and answer the questions by choosing the best choice (1), (2), (3), or (4). Then mark the correct choice on your answer sheet.

PASSAGE 1:

A very fundamental factor in the supervision of Ph.D. students is the supervisor's availability, where availability does not only refer to frequent physical presence, but also to having frequent meetings with the Ph.D. student, and providing timely answers to questions via email and feedback on the student's written work. Several studies show that Ph.D. students attach great value to their supervisors' availability, e.g. timely feedback, timely responses to questions, and frequent meetings. Moreover, some studies reported that there is a relationship between frequent supervision and a lower attrition risk. In addition to the quality of supervision (support and relationship), quantity thus also seems to matter.

An aspect related to Ph.D. supervision that—to our knowledge—has not been quantitatively investigated as a factor that could be related to Ph.D. students' success is the level of expectation the supervisor holds regarding their achievement. Previous qualitative research shows that Ph.D. supervisors expect high levels of commitment and independence from their Ph.D. students. Circumstantial evidence also reveals that a few supervisors occasionally seem to expect a lot from their Ph.D. students; for instance, that they all publish papers based on their Ph.D. dissertation, and only publish them in high-impact journals, and build international networks, among other things. Although this may be achievable for some Ph.D. students, for the vast majority it is probably not. Such high expectations can result in dissatisfaction or cause the Ph.D. student to miss the deadlines or even consider quitting.

31- The underlined word "fundamental" in paragraph 1 is closest in meaning to ……... .

1) unknown
2) insignificant
3) new
4) basic

32- The underlined word "their" in paragraph 1 refers to ……... .

1) questions
2) several studies
3) Ph.D. students
4) supervisors

33- Which of the following is NOT explicitly mentioned in paragraph 1 among supervisors' responsibilities?

1) Providing students with scholarship
2) Meeting students in person
3) Commenting on students' work
4) Answering students' questions

34- According to paragraph 2, which of the following best expresses the writer's opinion about the originality of employing the quantitative approach to investigate supervisors' expectation?

1) He confirms it without reservation.
2) He cautiously acknowledges it.
3) He dismisses it as insignificant.
4) He completely denies it.

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35- According to the passage, which of the following statements is NOT true?

1) Ph.D. supervisors' high expectations could potentially result in their students finally dropping out of the university.
2) The proper definition of availability is not limited to merely the physical meeting of supervisors with their Ph.D. students.
3) There is some evidence suggesting that Ph.D. supervisors' frequent supervision and their students' lower attrition risk are related.
4) There is a consensus among Ph.D. supervisors that students must publish only in high-impact journals as a requirement for graduation.

PASSAGE 2:

In just its first year of scientific operations, the $10-billion infrared telescope has delivered stunning views of the nascent universe, finding large numbers of surprisingly bright galaxies that existed at a time when the cosmos was in its infancy. With its 6.5-meter mirror, the James Webb Space Telescope (JWST) was designed to investigate this early era, which was mostly out of reach for its predecessor, the 2.4-meter Hubble Space Telescope (HST). [1] Observations thus far have astonished researchers and left them trying to digest exactly what they are seeing. According to the standard model of cosmology, after the fiery Big Bang 13.8 billion years ago, the universe cooled, and energy turned into matter that eventually coalesced during the first few hundred million years, forming the first generation of stars and galaxies. [2]

But JWST's initial results may suggest that stars and galaxies were forming far faster than anyone expected. The telescope had done nothing less, read the headlines, than "break the universe" and upend models of cosmic history. [3] Subsequent data have ruled out some of the more dramatic findings, and new simulations can accommodate at least a few of the strange observations. But some bright, massive, and early galaxies continue to confound theorists, suggesting that our understanding could shift in the coming years. "No data at the moment has broken the universe," says Priyamvada Natarajan, a theoretical astrophysicist at Yale University in New Haven. [4] "But I think there are interesting potential tensions emerging on different scales." Resolving these tensions will require researchers to revisit their deep-seated assumptions about galactic evolution. That could mean bringing some ideas to the forefront—while leaving others in the cosmic dustbin.

36- Which of the following techniques is used in paragraph 1?

1) Process description
2) Irony
3) Classification
4) Personal anecdote

37- According to paragraph 2, which of the following is true about JWST?

1) JWST corroborated previous data regarding the velocity of galaxies' formation.
2) Popular narratives of the technological feats of JWST are at best underrated.
3) All of JWST's findings have to date been demonstrably accurate.
4) The discoveries made by JWST were in a sense hyped in the media.

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38- The passage provides sufficient information to answer which of the following questions?
I. What was the specific mission for which HST was originally launched?
II. Is it possible that our knowledge of early galaxies changes in the future?
III. In which year did the James Webb Space Telescope become functional?
1) Only II 2) Only III 3) I and II 4) I and III

39- According to the passage, which of the following statements is true?
1) Addressing the burgeoning tensions resulting from JWST entails a wholesale repudiation of the postulates underlying our understanding of galactic evolution.
2) The observations JWST has made possible are so anomalous that none of them can be elucidated even by modern cutting-edge simulations.
3) Priyamvada Natarajan entertains a comparatively more circumspect estimation of the current function of JWST as a groundbreaking technology.
4) With its state-of-the-art technology, JWST is particularly launched to anticipate the impending galactic phenomena on a cosmological scale.

40- In which position marked by [1], [2], [3] or [4], can the following sentence best be inserted in the passage?
Astronomers thought they had a decent understanding of this process.
1) [1] 2) [2] 3) [3] 4) [4]

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