確認問題
354

時事英語 CHECK TEST

時事英語：AI・IT・宇宙開発60 確認問題集

AI・IT・宇宙開発の確認問題30問。「期待と懸念」で進む長文の読み方と、テック語の使い分けを確かめる。

元のチートシートへ

月　日　名前　／29問

表で解いて、裏で答え合わせ。まちがえた所は元のシートへ。

◆ Ⅰ 空所に入る最も適切なものを選べ

1 Before typing a ＿＿＿, think carefully about what you want the AI to do.
a vulnerability　b watermark　c prompt　d satellite

2 After the data ＿＿＿, the company apologized because the personal information of 50,000 customers had been leaked.
a verification　b center　c breach　d recognition

3 Hackers took advantage of a ＿＿＿ in the software to break into the company's network.
a vulnerability　b authentication　c watermark　d encryption

4 The bank asks users to enter a code sent to their phones in addition to a password. This is called two-factor ＿＿＿.
a moderation　b recognition　c authentication　d encryption

5 Messages sent on the app are protected by ＿＿＿, so no one else can read their contents.
a phishing　b encryption　c hallucination　d ransomware

6 The space agency's ＿＿＿ touched down near the moon's south pole, but it was not designed to move around.
a lander　b astronaut　c satellite　d rover

7 Thousands of pieces of space ＿＿＿, such as parts of old satellites, are circling the Earth.
a debris　b tourism　c station　d probe

8 The factory had to stop production because of a ＿＿＿ shortage; it could not get enough chips for its cars.
a encryption　b semiconductor　c robotics　d satellite

9 Some people worry that ＿＿＿ recognition cameras in public places could be used for surveillance.
a physical　b facial　c factual　d financial

10 Self-driving cars, or ＿＿＿ vehicles, are being tested on public roads in several cities.
a autonomous　b crewed　c electric　d commercial

◆ Ⅱ 下線部の意味に最も近いものを選べ

11 Critics are concerned about job displacement caused by AI.
a workers moving to other countries
b people working longer hours
c workers losing jobs because machines do their work
d the creation of many new jobs

12 The rocket successfully placed the satellite in orbit.
a the Earth's atmosphere　b a path around the Earth
c the launch site　d the surface of the moon

13 The company was criticized for using artists' work as training data without permission.
a records of customer complaints
b material used to teach an AI system　c a list of passwords
d information stolen in a cyberattack

14 Astronomers have discovered an exoplanet that may be habitable.
a visible without a telescope　b made mostly of gas
c extremely hot　d able to support life

15 Lawmakers want to strengthen antitrust rules for Big Tech.
a designed to lower taxes on companies
b intended to stop companies from unfairly controlling a market
c designed to encourage mergers
d intended to protect children online

16 The platform has improved its content moderation after many complaints.
a checking and removing harmful posts
b lowering the price of ads　c speeding up its servers
d producing more videos

◆ Ⅲ 次の架空のニュース英文を読み、設問に答えよ

A high school in the city of Northfield has started a trial program in which students use a generative AI tool to get feedback on their essays. Teachers say the tool helps students find grammar mistakes quickly, which gives teachers more time to discuss ideas with each student. (1), the program has raised several concerns. Some parents worry that students will rely too much on the tool and stop thinking for themselves. Others point out that the AI sometimes produces hallucinations(ア), such as references to books that do not exist. The school says it will not allow students to submit AI-generated essays, and it will review the program at the end of the year before deciding whether to continue it.

17 空所(1)に入る最も適切なものを選べ。
a Therefore　b For example　c In addition　d However

18 下線部(ア)の意味として最も適切なものを選べ。
a images that the AI creates for students
b false information that the AI presents as if it were true
c grammar mistakes made by students
d questions that students ask the AI

19 本文の内容と一致するものを1つ選べ。

a All parents support the program.

b Teachers no longer discuss ideas with their students.

c Students are allowed to submit essays written by the AI.

d The school has not yet decided whether to continue the program.

20 教員たちが挙げている利点として最も適切なものを選べ。

a The tool finds books for students to read.

b They no longer need to read students' essays.

c They can spend more time talking with students about ideas.

d Students can write essays without making any mistakes.

21 本文全体の展開を説明したものとして最も適切なものを選べ。

a It describes a benefit of the program and then several concerns about it.

b It explains how generative AI was invented.

c It compares programs at several different schools.

d It argues that AI should be banned from all schools.

◆ Ⅳ 日本語に合うように空所に適語を入れよ

22 個人データの暗号化は法律で義務づけられている。(encrypt を適切な形にして)The ＿＿＿ of personal data is required by law.

23 日本人の宇宙飛行士がその有人ミッションに参加する予定だ。A Japanese ＿＿＿ will take part in the crewed mission.

24 その国は月探査の計画を発表した。The country announced a plan for ＿＿＿ exploration.

25 その会社は気象衛星を打ち上げた。The company launched a weather ＿＿＿.

26 (generate を適切な形にして)AIが作った画像は見分けるのが難しいことがある。＿＿＿ images can be hard to tell apart from real photos.

27 その機関は月への有人ミッションを計画している。The agency is planning a ＿＿＿ mission to the moon.

◆ Ⅴ 次の問いに答えよ

28 日本語を英語に直せ:生成AIは便利だが、事実でない内容を作り出すことがある。

29 下線部を日本語に直せ:Facial recognition makes life more convenient, but it also raises concerns about privacy.

1 **c　prompt**
prompt＝AIへの指示文(enter a prompt)。watermark は AI 生成物であることを示す電子透かし。

2 **c　breach**
data breach＝情報漏えい(breach＝守りを破ること)。had been leaked が根拠。data center はデータを置く施設。

3 **a　vulnerability**
vulnerability＝脆弱性(弱点)。exploit a vulnerability＝脆弱性を突く。encryption・authentication は守る側の仕組み。

4 **c　authentication**
authentication＝認証(本人か確かめる)。パスワード＋端末のコードで2要素。→ シートの『紛らわしいテック語』encryption／authentication。

5 **b　encryption**
encryption＝暗号化(中身を隠す)。no one else can read their contents が根拠。phishing・ransomware は攻撃する側。

6 **a　lander**
lander＝着陸機(降りて止まる)。not designed to move が決め手で、走り回る rover ではない。satellite は周回するので着陸しない。

7 **a　debris**
space debris＝宇宙ごみ。such as parts of old satellites が具体例。debris の s は読まない[dəbríː]。

8 **b　semiconductor**
semiconductor＝半導体(ニュースでは chip)。セミコロンの後の chips が言い換え。chip shortage とも言う。

9 **b　facial**
facial recognition＝顔認証(face の形容詞 facial)。便利さと監視 surveillance の両面で出る。factual は「事実の」。

10 **a　autonomous**
or は言い換え。self-driving＝autonomous(自律の)。electric vehicle は電気で走る車で、自動運転とは別の概念。

11 **c　workers losing jobs because machines do their work**
displacement＝(元の場所から)押しのけること。job displacement＝技術による雇用の置き換え。AI の懸念側の定番語。

12 **b　a path around the Earth**
orbit＝軌道(天体の周りを回る道筋)。名詞・動詞同形で、orbit the Earth＝地球を周回する。

13 **b　material used to teach an AI system**
training data＝学習データ。AI に学ばせる大量のデータで、著作権・偏り(bias)の論点で出る。

14 **d　able to support life**
habitable＝(生物が)住める。habitat(生息地)・inhabit(住む)と同じ語源。exoplanet＝太陽系外惑星。

15 **b　intended to stop companies from unfairly controlling a market**
antitrust＝独占禁止の(trust は「企業連合」の意味)。antitrust law＝独占禁止法(米)。合併を促す意味とは逆。

16 **a　checking and removing harmful posts**
content moderation＝投稿の審査・管理(有害な投稿の削除など)。moderate＝程よくする、から「行き過ぎを抑える」。

17 **d　However**
前が恩恵(benefits)、後が懸念(concerns)なので逆接。→ シートの『期待 vs 懸念』。Therefore は因果、In addition は同じ向きの追加。

18 **b　false information that the AI presents as if it were true**
hallucination＝AI のもっともらしい誤り。such as references to books that do not exist(存在しない本への言及)が具体例。

19 **d　The school has not yet decided whether to continue the program.**
review … before deciding whether to continue の言い換え。AI 作文の提出は not allow(逆)、All parents は本文にない言い過ぎ、教員は議論の時間が増えた(逆)。

20 **c　They can spend more time talking with students about ideas.**
gives teachers more time to discuss ideas with each student の言い換え。without making any mistakes は「すばやく誤りを見つける」の言い過ぎ。

21 **a　It describes a benefit of the program and then several concerns about it.**
利点→However→懸念2つ→学校の対応、の流れ。筆者は禁止を主張していないので「禁止すべき」は言い過ぎ。両論を並べる中立な報道文。

22 **encryption**
The ＿＿＿ of ～ なので名詞。encrypt(暗号化する)→encryption。反対は decrypt(解読する)。

23 **astronaut**
astronaut＝宇宙飛行士(astro- 星＋naut 航海者)。crewed mission＝有人ミッション(manned の性別に中立な言い方)。

24 **lunar／moon**
lunar＝月の(solar＝太陽の)。lunar exploration＝月探査が定番。moon exploration も可だが、the moon exploration とは言わない。

25 **satellite**
satellite＝人工衛星(天然の衛星の月にも使う)。launch＝打ち上げる。調べに行く無人機は probe。

26 **AI-generated**
AI-generated＝AIが作った(ハイフンで1つの形容詞)。AI-assisted(AIの助けを借りた)とは作り手が違う。tell A apart from B＝AとBを見分ける。

27 **crewed／manned**
crewed＝乗組員(crew)のいる＝有人の。近年は性別に中立な crewed が好まれる。無人は uncrewed／unmanned。

28 **Generative AI is useful, but it sometimes produces false information.**
採点ポイント：generative AI／but で長所→短所／sometimes(ときに)で控えめに。can produce information that is not true も可。information は不可算で s をつけない。

29 **顔認証は生活をより便利にするが、プライバシーに関する懸念も生む。**
採点ポイント：make A 形容詞＝Aを～にする／raise concerns about ～＝～についての懸念を生む(引き起こす)。also の「も」を落とさない。