

British Novice 2018

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Packet 02

Tossups

1. The Halle Orchestra commissioned Colin Matthews to write an additional movement to a work by this composer. This composer interweaved Greensleeves with a dargason in the final movement of his *St Paul's Suite*. This composer used a female chorus in an adjoining room for the fade-out ending of his most famous work; that work opens with a 5/4 ["five-four"] ostinato on the strings which begins with triplet quavers. Movements of this composer's most famous work are subtitled "The Mystic" and "The Bringer of War". For 10 points, name this composer of *The Planets* suite.

ANSWER: Gustav **Holst** <JB>

2. A ring of this many atoms is formed during the intermediate stage of alkene metathesis. The see-saw geometry can be adopted by compounds where the central atom is bonded to this many other atoms. This is the number of pi-electrons in a molecule of acetylene. Hybridisation of carbon's s-orbital and all its p-orbitals forms this many s-p-3 hybrid orbitals. The perchlorate and sulfate anions both contain this many oxygen atoms. For 10 points, give this total number of atoms in ammonia, which has formula NH₃.

ANSWER: **4**

3. The nymph Clytie chased after this god for nine days, at which point she was turned into a flower. Daughters of this god cried tears that "hardened into amber" and were turned into poplar trees, after one of their brothers was struck by a thunderbolt and drowned in the river Eriadnos. Phaethon was the son of this god. This god exposed the affair of Aphrodite and Ares, and, before being succeeded by Apollo, pulled his shining chariot across the sky every day. For 10 points, name this Greek personification of the sun.

ANSWER: **Helios** [or **Sol**] <BB>

4. The ice-breaking SS Baikal completed one of these structures which had been inaugurated by the future Nicholas II. A.J.P. Taylor argued that the existence of these structures were a major cause of the First World War, while Belgium was the first continental European country to have a network of these structures. Mussolini claimed to have made his own network of these structures 'run on time'. For 10 points, name this form of transport infrastructure such as the Trans-Siberian from Moscow to Vladivostok.

ANSWER: **railways** [or **train lines**, prompt on anything train-related] <AP>

5. One letter by this man describes how he had excommunicated Corticus for enslaving his converts. Thomas O'Rahilly proposed that stories about this man were developed through combining stories about the bishop Palladius with this figure. Saint Columba is said to have removed a bell from this man's tomb to be used as a relic sixty years after his death. Stories describe how this man used the shamrock as a symbol of this trinity and how he removed all the snakes from a country by driving them into the sea. With a saint's day on March 17th, for 10 points, identify this patron saint of Ireland.

ANSWER: Saint **Patrick** <DJ>

6. A depiction of this city's Pyramid of Cestius is among the etchings collected in the 'vedute' of Piranesi. One building in this city, used for centuries as the church of St Mary and the Martyrs, includes a rotunda beneath the world's largest unreinforced concrete dome. Three stories of Tuscan, Ionic and Corinthian semicolumns decorate the elliptical exterior of a building in this city, and included 80 'vomitoria' to allow swift exit from gladiator matches. For 10 points, name this city, home to the ancient Pantheon and the Colosseum.

ANSWER: **Rome** [or **Roma**] <JK>

7. Jorge Eliécer Gaitán claimed that up to 3000 striking workers in this product's industry were killed in a 1928 massacre. The 'Gros Michel' was the main variety of this product until fusarium wilt wiped it out in the 1950s, when it was replaced by a variety named after the 6th Duke of Devonshire, William Cavendish. This product names a series of Central American wars to protect the United Fruit company's interest. O. Henry coined a term to describe unstable countries dependent on a single export as 'republics' of this product. For 10 points, name this curved yellow fruit.

ANSWER: **banana** [accept **banana** republics; prompt on fruit before mention] <AP>

8. A missing photo complicates the romance between Raina, Bluntschli, and Sergius in a play by this author. In one work by this author, Ann Whitefield chooses a descendant of Don Juan, Jack Tanner, as her guardian. Another of this author's characters responds "walk? not bloody likely" before getting into a taxi with Freddy Eynsford-Hill. That play by this author concerns Colonel Pickering and Henry Higgins's bet about the flower girl Eliza Doolittle's speech. For 10 points, name this Irish playwright of *Pygmalion*.

ANSWER: George Bernard **Shaw** <BB>

9. An inanimate object in this game, which is decorated with pink hearts, is used to redirect High Energy Pellets by the player, before being 'euthanised' by them at the end of Test Chamber 17. This 2007 game, which succeeded the student project Narbacular Drop, was released along with *Half-Life 2* and *Team Fortress 2* in *The Orange Box*. Despite GLaDOS's promises, the player does not receive cake at the end of this game. For 10 points, name this 2007 Valve Software game, in which players escape Aperture Science by using a 'gun' that creates orange and blue examples of the title objects.

ANSWER: **Portal** [do not accept or prompt on '*Portal 2*']

10. One thinker argued that instances of this concept were concerned with individual, transactional, relationships and had no role in social integration. Malinowski analysed how words could have practical effects in his study of this concept in relation to the Trobriand islanders' coral gardens. Frazer used laws of contagion and similarity to divide this concept in *The Golden Bough*, while Evans-Pritchard categorised it by good or bad intent in his study of it among the Azande. For 10 points, name this conceptual category, contrasted with both religion and science, which uses spells and rituals.

ANSWER: **magic** [accept **witchcraft** or **sorcery** or equivalents]

11. One structure within this organ contains Cloquet's canal, through which the hyaloid artery retracts before birth. During the process of accommodation, the action of the ciliary muscle compresses this organ's vitreous humour. A saccade best uses the properties of the fovea, a depression in this organ, by moving this organ constantly using six muscles while it is contained within the orbit. For 10 points, name this organ containing the retina, iris, and lens and which enables sight.

ANSWER: **eye** [antiprompt on lens, retina or iris by saying "in which larger organ?"] <AP>

12. In this country, many left wing *Montoneros* were killed by Jose Lopez Rega's "Triple A" death squad. The Ezeiza massacre took place in this country after the return of one of its leaders from an 18 year exile in Spain, which also sparked this country's Dirty War. That leader of this country was succeeded by his third wife Isabel, and was formerly married to the popular actress Evita. For 10 points, Juan Peron led which country, which has had a long running dispute with Britain over the Falklands?

ANSWER: **Argentina** <BB>

13. One character created by this author keeps the secret of Thomas Ashby's engagement. Another of this non-Goldsmith author's novels details the romance between Annabella Wilmot and Arthur Huntingdon. The title character of one of this author's novels is a governess for the Bloomfields and the Murrays, and ends up marrying Edward Weston. This author wrote about Helen Graham, who marries Gilbert Markham after meeting him at the title estate. For 10 points, name this author of *Agnes Grey* and *The Tenant of Wildfell Hall*, who had sisters called Emily and Charlotte.

ANSWER: **Anne Bronte** [prompt on **Bronte** alone] <BB>

14. This businessman is the CEO of Neuralink, which aims to integrate the human brain with artificial intelligence, and a co-founder of Zip2. This businessman's appearance on *The Joe Rogan Experience* sparked controversy when he smoked a cannabis-laced cigarette. This businessman was widely criticised for calling a British cave diver a 'pedo guy', after he refused an offer of submarine assistance. This businessman is the founder and CEO of SpaceX and developed a Gigafactory in Nevada. For 10 points, name this South African founder of Tesla.

ANSWER: Elon **Musk** <N>

15. The GNU [guh-NOO] compiler collection originally only covered this language. One data type in this language is declared using an asterisk at the beginning of the variable name and has as its value a memory address. Those variables in this language are pointers. Although this compiled language does not support dynamically sized arrays, its successor one can use the vector class. That successor to this language added object orientation and is named for its increment operation. For 10 points, what programming language has a successor called "plus plus"?

ANSWER: **C** [accept **C++**] <JR>

16. This leader has been accused of kidnapping Lebanese Prime Minister Saad Hariri and forcing his resignation. In 2016, this leader announced Vision 2030, a detailed plan to reduce his country's dependence on oil and to diversify the economy. This leader again used kidnap as a political tool when he detained eleven princes at the Ritz-Carlton hotel in November 2017. This leader has been the subject of international condemnation following the murder of Jamal Khashoggi ["ka-sho-gee"] in Istanbul. For 10 points, name this current crown prince of Saudi Arabia.

ANSWER: Mohammad **bin Salman** [accept "**MBS**"] <N>

17. This country was once connected to the mainland by Adam's Bridge, although it is now separated from the mainland partly by the Gulf of Mannar. A word meaning "a lucky coincidence" was coined by Horace Walpole from an old name for this country, Serendip. In 1960, this country saw the election of the first female elected head of state in a modern democracy, Sirimavo Bandaranaike. This country saw a 30-year civil war between Sinhalese governmental forces and the separatist Tamil Tigers. For 10 points, name this island country off the coast of India.

ANSWER: **Sri Lanka**

18. In one story, this character admits that he is 'no doubt indirectly responsible' for the death of Grimesby Roylott but adds that 'it is unlikely to weigh very heavily upon my conscience'. In another story, this character disguises himself as 'a simple-minded clergyman' and stages a fire, while in another story this character retires and takes up beekeeping. Adversaries faced by this character include Charles Augustus Milverton, Irene Adler and James Moriarty. For 10 points, name this detective created by Arthur Conan Doyle in *A Study in Scarlet*.

ANSWER: **Sherlock** Holmes [prompt on "Holmes", accept **Sherlock Holmes**; do not accept "Mycroft Holmes"] <N>

19. This player was sent off for a kick on Montenegro defender Miodrag Dzudovic; that suspension led to him missing the start of Euro 2012. This player once lobbed Joe Hart from 60 yards out to complete a hat trick against West Ham. This man won Match of the Day's "Goal of the Twenty Seasons" award for an overhead kick scored against Manchester City. This player moved to DC United in 2018 after a return to boyhood club Everton. For 10 points, name this record goalscorer for England and Manchester United.
ANSWER: Wayne **Rooney** <BB>

20. One character in this play owns a cigarette case inscribed with lines by Elizabeth Barrett Browning. One character in this play declares that "I don't want realism, I want magic", whilst another character throws a radio out of a window following a poker game. Whilst her sister is in labour, one character in this play is raped by that sister's husband, Stanley Kowalski, and says "I have always depended on the kindness of strangers". For 10 points, name this play in which Blanche DuBois stays with her sister in New Orleans, by Tennessee Williams.
ANSWER: **A Streetcar Named Desire** <NJ>

Bonuses

1. Animals found in these habitats can evolve to exhibit their namesake 'gigantism' when they are isolated from predators or 'dwarfism' when resources available to them are diminished. For 10 points each:

[10] Identify these habitats, where, despite their common ancestry with species from nearby mainlands, endemic species may experience accelerated evolution as a result of geographic isolation.

ANSWER: **islands**

[10] Darwin studied these birds on the Galapagos islands and observed how their beak shapes were adapted to eating the food available on each island. Despite these birds' common name, they are actually members of the tanager family.

ANSWER: **finches**

[10] These connected series of populations are often cited as evidence of evolution. In systems with these populations, two closely related species inhabiting the same region can interbreed, potentially resulting in gene flow between distant species.

ANSWER: **ring species** [prompt on "ring" with "a ring what?"] <JR>

2. This type of shoe dates to at least the fourteenth century, and traditionally have long laces to hold them in place. For 10 points each:

[10] Name this type of flat shoe originating in Spain and southern France, characterised by its sole made from rope of stiff grass, to which is sewn a canvas upper.

ANSWER: **espadrille**

[10] This type of completely wooden shoe is most closely associated with the Netherlands. A namesake dance in these shoes appears in Frederick Ashton's choreography of the comic ballet *La Fille mal gardée*.

ANSWER: **clog**

[10] An ankle-high boot with elastic side panels named after this wealthy area of London was first made for Queen Victoria, but was popularised by the Beatles. This area of London is focused on King's Road and Sloane Square.

ANSWER: **Chelsea** <AP>

3. This man had Eadwig Ætheling killed and forced the sons of Edmund Ironside to flee from England. For 10 points each:

[10] This Danish ruler of England was also King of Norway and Denmark, which meant he led a kingdom sometimes called the North Sea empire.

ANSWER: **Canute** the Great [or **Cnut**]

[10] This man became the first Danish ruler of England after he removed Ethelred the Unready from power after the St. Brice's Day massacre.

ANSWER: **Sweyn Forkbeard** [accept either]

[10] This man was the first King of the West Saxons to style himself "King of the Anglo-Saxons". He is perhaps most famous for accidentally letting cakes burn and was roundly scolded by the woman upon her return.

ANSWER: **Alfred** the Great <GDC>

4. Answer the following about a five-word artistic phrase, for 10 points each:

[10] This phrase was used by a Belgian artist to illustrate the difference between artistic depiction and reality. It most famously appears under the central object in the 1929 painting "The Treachery of Images".

ANSWER: **"Ceci n'est pas une pipe"** [or **"This is not a pipe"**]

[10] *The Treachery of Images* is a work by this Belgian artist, who depicted an apple in front of the face of a bowler-hatted man in *The Son of Man*.

ANSWER: Rene **Magritte**

[10] Magritte belonged to this broad artistic movement, which was formed by Andre Breton and often uses incongruous images, such as are inspired by dreams.

ANSWER: **Surrealism** <JK>

5. In an incident which is not recounted in the canonical Book of Genesis, the Quran narrates this patriarch's survival when thrown into a fire after mocking idol-worshippers. For 10 points each:

[10] Name this prophet who in Jewish tradition purchased the Cave of the Patriarchs in Hebron for his and his wife's tomb, and in Islam constructed the Kaaba in Mecca.

ANSWER: **Ibrahim** [or **Abraham**]

[10] The obedience of Ibrahim in following God's command to sacrifice a son is celebrated by this Islamic holiday, during which an animal is sacrificed and the meat distributed between the family, neighbours, and the poor.

ANSWER: **Eid al-Adha** [prompt on **Eid**; do not accept "Eid al-Fitr"]

[10] The prophet Muhammad was a descendent of this elder son of Abraham and Hagar, whose thirst as an infant brought forth the Zamzam Well in what would become Mecca.

ANSWER: **Ishmael** <AP>

6. This author is best known for a polyphonic novel whose audiobook has a cast of 166, including David Sedaris, Lena Dunham and Susan Sarandon. For 10 points each:

[10] Name this author of a novel about the ghost of Willie, the son of a president of the United States stuck in a liminal state found in Tibetan Buddhism. His story collections include *CivilWarLand in Bad Decline*.

ANSWER: George **Saunders**

[10] This president journeys to the 'Bardo' in Saunders' best-known novel. This president is the subject of Whitman poems like *O Captain, My Captain* and *When Lilacs Last in the Dooryard Bloom'd*.

ANSWER: Abraham **Lincoln**

[10] Saunders' *Lincoln in the Bardo* won this literary prize for English-language fiction, only made open to US authors in 2013 and whose first American winner was Paul Beatty for *The Sellout*. Other winning titles include *Wolf Hall* and *The Luminaries*.

ANSWER: The Man **Booker** Prize for Fiction [or The **Booker** Prize] <LC>

7. At the end of their title opera, this character, who 'does not know fear', passes through an enchanted fire to meet and kiss Brünnhilde, waking her. For 10 points each:

[10] Name this hero, raised by the smith Mime ["ME-meh"], who later tries to kill them for the treasure of the dragon Fafner. This character is eventually stabbed in the back by Hagen after being tricked into marrying Gudrun.

ANSWER: **Siegfried** [or **Sigurd**]

[10] The life and death of Siegfried is the basis for this composer's *Ring Cycle*. This composer interrupted the composition of those four operas to write *Tristan und Isolde* and *Die Meistersinger von Nürnberg*.

ANSWER: Richard **Wagner**

[10] Over twenty minutes of *Siegfried* is devoted to the re-forging of this sword, which, when owned by Siegfried's father Siegmund, had been broken against Wotan's staff. This sword is denoted by a two note leitmotif of a descending octave.

ANSWER: **Nothung** ["NO-tung"] <AP>

8. This song ends with a thirty-second E major chord, before a high tone and a looped clip of the band saying 'never could be any other way', which closes the album on which it appears. For 10 points each:

[10] Name this song, which opens with its narrator singing 'I read the news today, oh boy / about a lucky man who made the grade'.

ANSWER: "**A Day in the Life**"

[10] 'A Day in the Life' is a track on this 1967 album. Peter Blake co-designed this album's cover, which featured the band's members in colourful military-style uniforms in front of a number of dummies and photographs of celebrities.

ANSWER: **Sgt. Pepper's Lonely Hearts Club Band**

[10] *Sgt. Pepper's* is an album by this Liverpool band, whose other albums include *Rubber Soul* and *Abbey Road*.

ANSWER: The **Beatles** <JK>

9. This event took place one year after Pope Leo X issued the bull *Exsurge Domine*. For 10 points each:

[10] Name this 1521 meeting of delegates from around the Holy Roman Empire, where a friar supposedly declared "Here I stand. I can do no other."

ANSWER: The **Diet of Worms**

[10] The Diet of Worms was summoned by this Holy Roman Emperor, the father of Philip II of Spain.

ANSWER: **Charles V** [accept **Charles I of Spain** or **Charles II of Burgundy**; prompt on **Charles I**]

[10] The Diet condemned the religious teachings of this German friar, who according to legend nailed his Ninety-five Theses to the church door in Wittenberg.

ANSWER: Martin **Luther** <CP>

10. August Kekulé claimed that the structure of this compound came to him in a dream about a snake biting its own tail. For 10 points each:

[10] First isolated by Michael Faraday from the gas used in gas lighting, name this simplest aromatic compound, with formula C₆H₆.

ANSWER: **benzene**

[10] Benzene can be alkylated via this electrophilic substitution reaction which uses an alkyl halide in the presence of a Lewis acid catalyst, such as iron (III) chloride.

ANSWER: **Friedel-Crafts** alkylation

[10] Methylbenzene is repeatedly nitrated to form this explosive compound. Originally used as a yellow dye, it is commonly used as a standard for the measurement of the energy released in an explosion.

ANSWER: **TNT** [or 2,4,6-**trinitrotoluene**; or **2-methyl-1,3,5-trinitrobenzene**] <AP>

11. In a novel by this author, Urania Cabral returns to her native country from New York. For 10 points each:

[10] Name this author of *The Feast of the Goat*, who won the Nobel Prize for Literature in 2010.

ANSWER: Mario Vargas **Llosa**

[10] Vargas Llosa is a writer from this South American country, in which he set novels including *Aunt Julia and the Scriptwriter* and *Death in the Andes*. Paddington Bear originally hails from this country.

ANSWER: **Peru**

[10] In *Aunt Julia and the Scriptwriter*, the titular scriptwriter writes for this medium. Dylan Thomas' *Under Milk Wood* is a work designed for this medium.

ANSWER: **radio**

12. North America is home to some very long rivers. For 10 points each, name some of them:

[10] This river has its source at Lake Itasca in Minnesota and flows into the Gulf of Mexico. It is the longest in North America.

ANSWER: **Mississippi** River

[10] This longest river of Canada flows into the Beaufort Sea and is named after a Scottish explorer.

ANSWER: **Mackenzie** River

[10] This river lies in both Canada and the United States. It was one of the principal means of transportation during the 1896–1903 Klondike Gold Rush.

ANSWER: **Yukon** River <CP>

13. The band-gap of these materials is small enough for charge carriers to be thermally excited across them. For 10 points each:

[10] Give the name of this class of materials, which can be 'doped' by introducing impurities, so as to increase their conductivities.

ANSWER: **semiconductors**

[10] These circuit components, which can be made of a junction between a p-doped and an n-doped semiconductor, only allow current to flow through in one direction.

ANSWER: **diodes** [accept more specific forms of **diode**]

[10] These positively charged quasi-particles, the charge carriers in p-doped semiconductors, are formed when an electron is excited into the conduction band, leaving a vacancy in the valence band.

ANSWER: electron **hole** <YY>

14. The Purple Line was a ceasefire line drawn up by the UN between two of the combatants of this conflict. For 10 points each:

[10] Name this conflict, during which Israel captured the Golan Heights, the Gaza Strip, the West Bank, and the Sinai Peninsula.

ANSWER: **Six-Day War** [or the **June War**, or the **1967 Arab-Israeli War**, or the **Third Arab-Israeli War**]

[10] This leader resigned on the fifth day of the war, only to retract their resignation the following day. From 1958 to 1961 they formed a union of their country with Syria, creating the United Arab Republic.

ANSWER: Gamal Abdel **Nasser** Hussein

[10] Nasser was more successful in the military operation which nationalised this structure linking the Red Sea to the Mediterranean.

ANSWER: **Suez** Canal [accept the **Suez** Crisis] <AP>

15. This story, which contains perhaps the first reference in literature to a cat flap, centres on the affections of two students for the carpenter's wife Alisoun. For 10 points each:

[10] Name this story, which ends with Nicholas' bottom being branded after he farts in Absolon's face.

ANSWER: The **Miller's Tale**

[10] The Miller's Tale forms part of the Canterbury Tales, a collection by this Middle English author.

ANSWER: Geoffrey **Chaucer**

[10] This pilgrim from the Canterbury Tales, usually known by a name referring to their five husbands, tells a story in which a knight discovers what women most desire, power, and in which an old hag turns into a beautiful woman.

ANSWER: The **Wife of Bath** <JK>

16. This politician is currently the world's youngest female head of government. For 10 points each:

[10] Name this leader of her country's Labour Party who took the office of Prime Minister in October 2017. After Benazir Bhutto, she is the second head of government to give birth while in office.

ANSWER: Jacinda **Ardern**

[10] Ardern currently serves as Prime Minister of this antipodean country, which she represented at the Commonwealth Heads of Government meeting at Buckingham Palace in April 2018 whilst wearing a Maori cloak.

ANSWER: **New Zealand**

[10] Despite her Labour party winning fewer seats than the governing National Party in the 2017 General Election, Ardern formed a coalition government enabling her to succeed this man as Prime Minister. He spent less than a year in the job following the resignation of John Key.

ANSWER: Bill **English** <JB>

17. One poet from this country often used alternative personalities he called 'heteronyms', such as Bernardo Soares and Ricardo Reis. For 10 points each:

[10] Name this home country of Fernando Pessoa. His long work *The Book of Disquiet* is narrated by a bored accountant in this country's capital, and he was much inspired by this country's author Luis de Camoes.

ANSWER: **Portugal**

[10] Pessoa's heteronyms inspired this later Portuguese author to write *A Year in the Death of Ricardo Reis*. His other works include *Baltasar and Blimunda* and a work centred on 'the doctor's wife'.

ANSWER: Jose **Saramago**

[10] Saramago's best-known novel is titled for this condition, which at first only the doctor's wife does not develop during an epidemic. Its sequel, *Seeing*, is titled for the opposite of this condition.

ANSWER: **blindness** [or **Blindness**; accept descriptions] <JK>

18. This film includes a chase through sewers and a speech about how in 'five hundred years of democracy and peace' all that the Swiss have produced are cuckoo clocks. For 10 points each:

[10] Name this 1949 neo-noir film which stars Orson Welles as Harry Lime.

ANSWER: *The* **Third Man**

[10] In this film, which was Orson Welles's first, the journalist Jerry Thompson investigates the namesake newspaper magnate's mysterious last word, 'Rosebud'.

ANSWER: **Citizen Kane**

[10] Orson Welles also read the 1938 radio adaptation of this work, in which its locations are transferred from the UK to the United States.

ANSWER: *The* **War of the Worlds** <NJ>

19. Linguistic theories based on this concept are called "generativist", as opposed to "functionalist" theories which favour domain-general learning. For 10 points each:

[10] Name this theory, which states that children are able to learn language because of innate biological access to a set of rules shared by all languages.

ANSWER: **Universal Grammar** [or **UG**]

[10] Universal Grammar was proposed by this syntactician and "father of modern linguistics". He used to teach at MIT, but nowadays lives in Arizona.

ANSWER: Noam **Chomsky**

[10] To explain why languages differ despite sharing UG, Chomsky proposed these "switches" to turn rules on and off, in an approach named for "Principles and..." these things.

ANSWER: **parameter**s <EJW>

20. Dr John Snow studied an 1854 outbreak of this disease in London in a pioneering instance of epidemiology. For 10 points each:

[10] Name this bacterial disease which causes severe diarrhoea, often leading to sufferers turning blue from dehydration, which has seen seven major pandemics in the last two centuries.

ANSWER: **cholera**

[10] Snow isolated the Broad Street pump in this area of Westminster as the source of the cholera infection. This area was originally aristocratic, focused on its namesake square, but for much of the 20th Century was associated with sex work.

ANSWER: **Soho**

[10] Snow's attribution of the transmission of cholera to contaminated water was a prominent step in the development of this modern theory of disease, rejecting the miasma theory which had been held since Galen.

ANSWER: **germ** theory <AP>