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| |  |  | | --- | --- | | **2.** | **Základní znalosti z biologie ryb a vodních organismů** | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **1.** | **Co je to plankton?** | |  | |  |  | | --- | --- | | a) | drobné vodní organismy vznášející se ve vodním sloupci | | b) | vodní organismy s mohutným aktivním pohybem | | c) | preparát urychlující výtěr ryb | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **2.** | **Co je to trdliště?** | |  | |  |  | | --- | --- | | a) | místo přirozeného rozmnožování ryb | | b) | stanoviště ryb v zimním období | | c) | sádka využívaná k odchovu lososovitých ryb | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **3.** | **Co je to inkubace jiker?** | |  | |  |  | | --- | --- | | a) | období vývoje zárodku v jikře | | b) | vývoj jiker ve vaječnících jikernaček | | c) | kulení plůdku z jiker | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **4.** | **Který z uvedených orgánů kapr nemá?** | |  | |  |  | | --- | --- | | a) | žaludek | | b) | hltan | | c) | jícen | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **5.** | **Má úhoř říční šupiny?** | |  | |  |  | | --- | --- | | a) | ano | | b) | ne | | c) | ano, ale jen při základu ploutví | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **6.** | **Jaké postavení úst má plotice obecná?** | |  | |  |  | | --- | --- | | a) | střední | | b) | spodní | | c) | horní | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **7.** | **Jaké postavení úst má ouklej obecná?** | |  | |  |  | | --- | --- | | a) | horní | | b) | střední | | c) | spodní | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **8.** | **Co je to bentos?** | |  | |  |  | | --- | --- | | a) | společenstvo organismů žijících na dně | | b) | drobné vodní organismy vznášející se ve vodním sloupci | | c) | hydrobiologické označení břehu | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **9.** | **Která z následujících ryb má typické spodní postavení úst?** | |  | |  |  | | --- | --- | | a) | pstruh obecný potoční | | b) | jelec tloušť | | c) | jeseter malý | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **13.** | **Odkud pochází původní forma pstruha duhového?** | |  | |  |  | | --- | --- | | a) | ze Severní Ameriky | | b) | z Jižní Ameriky | | c) | z Asie | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **14.** | **Které z následujících ryb nemají tělo kryto šupinami?** | |  | |  |  | | --- | --- | | a) | úhoř říční, piskoř pruhovaný, siven americký | | b) | sumeček americký, sumec velký, vranka obecná | | c) | mník jednovousý, lín obecný, karas obecný | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **15.** | **Jaké postavení úst má okoun říční?** | |  | |  |  | | --- | --- | | a) | střední | | b) | spodní | | c) | horní | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **16.** | **Kdy se vytírá mník jednovousý?** | |  | |  |  | | --- | --- | | a) | prosinec - leden | | b) | březen - duben | | c) | říjen - listopad | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **17.** | **Která z našich ryb má největší játra?** | |  | |  |  | | --- | --- | | a) | štika obecná | | b) | mník jednovousý | | c) | sumec velký | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **18.** | **Kde leží u ryb ledviny?** | |  | |  |  | | --- | --- | | a) | vedle jater | | b) | mezi kličkami střev | | c) | těsně pod páteří | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **20.** | **K čemu slouží žaberní aparát ryb?** | |  | |  |  | | --- | --- | | a) | k okysličování krve | | b) | k rozmělnění potravy | | c) | k pohybu | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **22.** | **Jaké postavení úst má cejn velký?** | |  | |  |  | | --- | --- | | a) | spodní | | b) | střední | | c) | horní | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **23.** | **Kolik komor a předsíní má rybí srdce?** | |  | |  |  | | --- | --- | | a) | 1 + 1 | | b) | 1 + 2 | | c) | 2 + 2 | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **24.** | **Jaká krev proudí srdcem ryby?** | |  | |  |  | | --- | --- | | a) | neokysličená | | b) | okysličená | | c) | smíšená | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **25.** | **Která z našich ryb má oko chráněno dvojitou rohovkou?** | |  | |  |  | | --- | --- | | a) | úhoř | | b) | mník | | c) | vranka | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **26.** | **Mají ryby chuť?** | |  | |  |  | | --- | --- | | a) | ano | | b) | ne | | c) | jen ryby dravé | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **27.** | **Co je to postranní čára?** | |  | |  |  | | --- | --- | | a) | pohlavní rozlišovací znak | | b) | smyslový orgán | | c) | pomocný dýchací orgán | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **28.** | **Která kaprovitá ryba má na tlamě masité vousky?** | |  | |  |  | | --- | --- | | a) | karas obecný | | b) | ouklej obecná | | c) | lín obecný | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **29.** | **Co jsou to gonády ryb?** | |  | |  |  | | --- | --- | | a) | hřbetní paprsky | | b) | vyměšovací orgány | | c) | pohlavní orgány | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **30.** | **Co je to hypofýza?** | |  | |  |  | | --- | --- | | a) | nemoc ledvin | | b) | podvěsek mozkový | | c) | nemoc mozku | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **31.** | **Které z následujících ryb pečují o své jikry i po výtěru?** | |  | |  |  | | --- | --- | | a) | sumec velký, sumeček americký | | b) | lipan podhorní, siven americký | | c) | kapr obecný, karas obecný | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **32.** | **Jaké postavení úst má parma obecná?** | |  | |  |  | | --- | --- | | a) | spodní | | b) | střední | | c) | horní | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **33.** | **Kolik druhů ryb žije v našich vodách (v ČR)?** | |  | |  |  | | --- | --- | | a) | 10 - 20 | | b) | 30 - 40 | | c) | 50 a více | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **34.** | **Ve kterém světovém oceánu se rozmnožuje úhoř říční?** | |  | |  |  | | --- | --- | | a) | Atlantský | | b) | Tichý | | c) | Indický | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **35.** | **Která ryba má na spodní čelisti jeden jediný vous, jako mají tresky?** | |  | |  |  | | --- | --- | | a) | sumec | | b) | mník | | c) | sekavec | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **36.** | **Které části rybího těla slouží k určení stáří?** | |  | |  |  | | --- | --- | | a) | ocasní ploutev | | b) | vousky | | c) | šupiny | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **37.** | **Mění se teplota rybího těla s teplotou vody?** | |  | |  |  | | --- | --- | | a) | ano | | b) | ne | | c) | zůstává stejná | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **38.** | **Která kaprovitá ryba má typicky červenou duhovku oka?** | |  | |  |  | | --- | --- | | a) | kapr obecný | | b) | bolen dravý | | c) | plotice obecná | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **39.** | **Která z ryb čeledi kaprovitých se v dospělosti živí zejména rybkami?** | |  | |  |  | | --- | --- | | a) | karas stříbřitý | | b) | jelec proudník | | c) | bolen dravý | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **40.** | **Vranka obecná se pohybuje poskoky (střelkovitě). Proč neplave jako ostatní ryby?** | |  | |  |  | | --- | --- | | a) | chybí jí plynový měchýř | | b) | nemá všechny ploutve | | c) | chybí jí postranní čára | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **41.** | **Která z těchto ryb žije v především v proudné vodě?** | |  | |  |  | | --- | --- | | a) | lín obecný | | b) | blatňák tmavý | | c) | lipan podhorní | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **42.** | **V jako vodě se nejlépe daří našim rybám?** | |  | |  |  | | --- | --- | | a) | silně kyselé | | b) | silně zásadité | | c) | neutrální | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **43.** | **Zelené vodní rostliny vyrábějí kyslík:** | |  | |  |  | | --- | --- | | a) | jen ve dne | | b) | jen v noci | | c) | ani ve dne, ani v noci | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **44.** | **Které následující druhy patří mezi plankton?** | |  | |  |  | | --- | --- | | a) | larva chrostíka, potápník vroubený | | b) | škeble, perlorodka | | c) | buchanka, perloočka | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **45.** | **Co patří mezi bentos?** | |  | |  |  | | --- | --- | | a) | červené larvy pakomára, beruška vodní | | b) | mřenka mramorovaná | | c) | dafnie | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **46.** | **Kdy se u nás vytírá štika obecná?** | |  | |  |  | | --- | --- | | a) | v březnu až dubnu | | b) | v prosinci až lednu | | c) | v květnu až červnu | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **48.** | **Které ploutve má úhoř říční párové (sudé)?** | |  | |  |  | | --- | --- | | a) | břišní | | b) | prsní | | c) | hřbetní | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **49.** | **Která z následujících ryb má zadní postavení hřbetní ploutve?** | |  | |  |  | | --- | --- | | a) | kapr obecný | | b) | štika obecná | | c) | siven americký | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **50.** | **Které z následujících ryb chybí břišní ploutve?** | |  | |  |  | | --- | --- | | a) | slunečnici pestré | | b) | mníku jednovousému | | c) | úhoři říčnímu | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **52.** | **Která naše ryba má šupiny i na spánkové části hlavy?** | |  | |  |  | | --- | --- | | a) | kapr obecný | | b) | mník jednovousý | | c) | štika obecná | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **53.** | **U které naší kaprovité ryby je červená barva většiny ploutví jedním z důležitých rozpoznávacích znaků?** | |  | |  |  | | --- | --- | | a) | jelec jesen | | b) | perlín ostrobřichý | | c) | plotice obecná | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **54.** | **Která naše ryba má šupiny tak hluboce zasazené ve škáře, že se její tělo zdá na první pohled hladké?** | |  | |  |  | | --- | --- | | a) | sumec velký | | b) | úhoř říční | | c) | pstruh obecný | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **55.** | **Kde se vytírá losos obecný?** | |  | |  |  | | --- | --- | | a) | v řekách | | b) | v mořích | | c) | v brakických vodách | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **56.** | **Které ryby mají požerákové zuby?** | |  | |  |  | | --- | --- | | a) | kaprovité a lososovité | | b) | sekavcovité a kaprovité | | c) | jen ryby kaprovité | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **58.** | **Má bolen dravý žaludek?** | |  | |  |  | | --- | --- | | a) | ano | | b) | ne | | c) | jen v dospělosti | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **59.** | **Čím jsou žábry ryb chráněny před poškozením?** | |  | |  |  | | --- | --- | | a) | nejsou chráněny | | b) | šupinami | | c) | skřelemi | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **60.** | **Která ryba má přídavné střevní dýchání?** | |  | |  |  | | --- | --- | | a) | úhoř říční | | b) | blatňák tmavý | | c) | piskoř pruhovaný | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **62.** | **Při zvětšení objemu plynů v plynovém měchýři ryba:** | |  | |  |  | | --- | --- | | a) | stoupá | | b) | klesá | | c) | vyráží prudce vpřed | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **63.** | **Jestliže se u ryb s dvojitým plynovým měchýřem (kaprovité) zvětší objem v zadní části měchýře a ryba se při tom pohybuje vpřed, bude tato ryba plavat:** | |  | |  |  | | --- | --- | | a) | šikmo vzhůru | | b) | prudce vpřed | | c) | šikmo dolů | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **64.** | **Kde je umístěna postranní čára ryby?** | |  | |  |  | | --- | --- | | a) | podél hřbetu ryby | | b) | podél břišní části těla ryby | | c) | je vedena středem boků ryby | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **65.** | **Kolik vousků má kapr obecný?** | |  | |  |  | | --- | --- | | a) | 2 | | b) | 4 | | c) | 6 | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **66.** | **Kolik vousků má sumeček americký?** | |  | |  |  | | --- | --- | | a) | 8 | | b) | 10 | | c) | 12 | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **67.** | **Kolik vousků má piskoř pruhovaný?** | |  | |  |  | | --- | --- | | a) | 6 | | b) | 8 | | c) | 10 | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **68.** | **Kolik vousků má sumec velký?** | |  | |  |  | | --- | --- | | a) | 4 | | b) | 6 | | c) | 8 | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **69.** | **Která z uvedených ryb se při vyhledávání potravy orientuje především zrakem?** | |  | |  |  | | --- | --- | | a) | sumec velký | | b) | mník jednovousý | | c) | štika obecná | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **70.** | **Který z uvedených živočichů může napadat plůdek ryb?** | |  | |  |  | | --- | --- | | a) | komár pisklavý | | b) | dafnie velká | | c) | potápník vroubený a jeho larvy | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **71.** | **Která dvojice ryb má dva vousky?** | |  | |  |  | | --- | --- | | a) | hrouzek obecný a ostroretka stěhovavá | | b) | hrouzek obecný a lín obecný | | c) | mřenka mramorovaná a ostroretka stěhovavá | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **72.** | **Která trojice ryb má čtyři vousky?** | |  | |  |  | | --- | --- | | a) | parma říční, jeseter malý a kapr obecný | | b) | parma říční, sekavec písečný a kapr obecný | | c) | jeseter malý, mřenka mramorovaná a lín obecný | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **73.** | **Mihule říční patří mezi:** | |  | |  |  | | --- | --- | | a) | ryby úhořovité | | b) | paryby | | c) | živočichy kruhoústé | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **75.** | **Amur bílý patří do čeledi ryb?** | |  | |  |  | | --- | --- | | a) | kaprovité | | b) | lososovité | | c) | okounovité | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **76.** | **Bolen dravý patří do čeledi ryb?** | |  | |  |  | | --- | --- | | a) | kaprovité | | b) | štikovité | | c) | okounovité | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **77.** | **Která trojice ryb se v dospělosti živí převážně rybami?** | |  | |  |  | | --- | --- | | a) | štika obecná, parma obecná a candát obecný | | b) | štika obecná, bolen dravý a candát obecný | | c) | štika obecná, okoun říční a ouklej obecná | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **78.** | **Která trojice ryb je typická pro oblast pstruhového pásma?** | |  | |  |  | | --- | --- | | a) | pstruh obecný, slunečnice pestrá a okounek pstruhový | | b) | pstruh obecný, vranka obecná a střevle potoční | | c) | okounek pstruhový, střevle potoční a vranka obecná | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **79.** | **Co je to řemenatka?** | |  | |  |  | | --- | --- | | a) | virus způsobující zduření ledvin u pstruhů | | b) | rybí cizopasník | | c) | bakterie způsobující skvrnitost ryb | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **80.** | **Chobotnatka rybí patří mezi:** | |  | |  |  | | --- | --- | | a) | roztoče | | b) | ploštice | | c) | kroužkovce | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **81.** | **Co je to kapřivec?** | |  | |  |  | | --- | --- | | a) | rybí parazit | | b) | kříženec kapra a jelce | | c) | vyřazený generační kapr | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **83.** | **Larva potápníka je:** | |  | |  |  | | --- | --- | | a) | dravá | | b) | býložravá | | c) | všežravá | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **84.** | **Na čem nejvíce záleží doba tření kaprovitých ryb?** | |  | |  |  | | --- | --- | | a) | na obsahu kyslíku ve vodě | | b) | na množství potravy | | c) | na teplotě vody | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **86.** | **Která z našich ryb klade jikry do žaberních systémů mlžů?** | |  | |  |  | | --- | --- | | a) | piskoř pruhovaný | | b) | okounek pstruhový | | c) | hořavka duhová | | |  |  | |
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| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **87.** | **U kterých ryb můžeme v dospělosti rozpoznat mlíčáka od jikernačky pomocí velikosti břišních ploutví?** | |  | |  |  | | --- | --- | | a) | lína obecného | | b) | kapra obecného | | c) | štiky obecné | | |  |  | |